Number of vertices n = 9. Adjacencies of Graph

- 1. vertex 1 adjacent to 4 5 6 7 8 9
- 2. vertex 2 adjacent to 4 5 6 7 8 9
- 3. vertex 3 adjacent to 4 5 6 7 8 9
- 4. vertex 4 adjacent to 1 2 3 7 8 9
- 5. vertex 5 adjacent to 1 2 3 7 8 9
- 6. vertex 6 adjacent to 1 2 3 7 8 9
- 7. vertex 7 adjacent to 1 2 3 4 5 6
- 8. vertex 8 adjacent to 1 2 3 4 5 6
- 9. vertex 9 adjacent to 1 2 3 4 5 6

Size of automorphism group of the graph=1296

Full group: |Aut(polytope)| = 331776

Restricted group: $|Aut(G) \times switch| = 331776$

Number of orbits for the full group: 2015

List of orbits of facets for the full group: Total number of orbits = 2015 Total number of facets = 624406788

1. Inequality 1 with incidence 192 and stabilizer of size 3072. Orbit size is 108 nature: 3-cycle inequality, $C=[\ 1,\ 5,\ 9\]$ $F=[\ 1,\ 5\]$

(1,4):0	(1,5): -1	(1,6):0	(1,7):0	(1,8):0	(1,9):1
(2,4):0	(2,5):0	(2,6):0	(2,7):0	(2,8):0	(2,9):0
(3,4):0	(3,5):0	(3,6):0	(3,7):0	(3,8):0	(3,9):0
(4,7):0	(4,8):0	(4,9):0	(5,7):0	(5,8):0	(5,9):1
(6,7):0	(6,8):0	(6,9):0			

2. Inequality 2 with incidence 128 and stabilizer of size 1536. Orbit size is 216 nature: 4-cycle inequality, C=[2, 5, 1, 6] F=[2, 5]

```
(1,7):0
                                        (1,8):0
(1,4):0
          (1,5):1
                    (1,6):1
                                                  (1,9):0
         (2,5): -1
(2,4):0
                    (2,6):1
                              (2,7):0
                                        (2,8):0
                                                  (2,9):0
(3,4):0
          (3,5):0
                              (3,7):0
                                        (3,8):0
                                                  (3,9):0
                    (3,6):0
(4,7):0
          (4,8):0
                    (4,9):0
                              (5,7):0
                                        (5,8):0
                                                  (5,9):0
          (6,8):0
(6,7):0
                    (6,9):0
```

3. Inequality 3 with incidence 80 and stabilizer of size 16. Orbit size is 20736 nature: unknown

```
(1,4):0
          (1,5):0
                     (1,6):0
                               (1,7):0
                                          (1,8):0
                                                    (1,9):0
(2,4):-1
          (2,5):1
                     (2,6):0
                               (2,7):1
                                          (2,8):1
                                                    (2,9):0
(3,4):0
          (3,5):0
                     (3,6):0
                               (3,7):-1
                                          (3,8):1
                                                    (3,9):0
(4,7):1
          (4,8):1
                     (4,9):1
                               (5,7): -1
                                         (5,8):-1
                                                    (5,9):1
(6,7):0
          (6,8):0
                    (6,9):0
```

4. Inequality 4 with incidence 80 and stabilizer of size 32. Orbit size is 10368 nature: unknown

```
(1,6):1
(1,4):1
          (1,5):0
                               (1,7):1
                                          (1,8): -1
                                                    (1,9):0
(2,4):-1
          (2,5):0
                               (2,7):1
                                          (2,8):1
                                                    (2,9):0
                     (2,6): -1
(3,4):0
          (3,5):0
                     (3,6):0
                               (3,7):0
                                          (3,8):0
                                                    (3,9):0
                     (4,9):1
(4,7):0
          (4,8):1
                               (5,7):0
                                          (5,8):0
                                                    (5,9):0
(6,7):0
          (6,8):1
                     (6,9):-1
```

5. Inequality 5 with incidence 80 and stabilizer of size 64. Orbit size is 5184 nature: unknown

```
(1,5):1
                                (1,7):1
                                          (1,8):0
                                                    (1,9):0
(1,4):1
                     (1,6):1
(2,4):-1
                                (2,7):1
                                                    (2,9):0
           (2,5):1
                     (2,6):1
                                          (2,8):0
(3,4):0
          (3,5): -1
                     (3,6):1
                                (3,7):0
                                          (3,8):0
                                                    (3,9):0
(4,7):0
           (4,8):0
                     (4,9):0
                               (5,7):-1
                                          (5,8):0
                                                    (5,9):0
(6,7):-1
           (6,8):0
                     (6,9):0
```

6. Inequality 6 with incidence 64 and stabilizer of size 8. Orbit size is 41472 nature: unknown

```
(1,4):0
          (1,5):1
                               (1,7):0
                                          (1,8):1
                                                    (1,9):-1
                    (1,6):1
(2,4):1
          (2,5):0
                    (2,6):1
                               (2,7):0
                                         (2,8): -1
                                                    (2,9):-1
(3,4):1
          (3,5):1
                    (3,6): -1
                               (3,7):0
                                         (3,8):0
                                                    (3,9):-1
(4,7):0
                                                    (5,9):1
          (4,8):1
                    (4,9):1
                               (5,7):0
                                         (5,8): -1
(6,7):0
          (6,8):0
                    (6,9):1
```

7. Inequality 7 with incidence 60 and stabilizer of size 8. Orbit size is 41472 nature: unknown

```
(1,4):0
          (1,5):2
                     (1,6):2
                               (1,7):0
                                          (1,8):0
                                                     (1,9):0
(2,4):1
                     (2,6): -1
                               (2,7):0
                                          (2,8):0
                                                     (2,9):-1
          (2,5):1
                               (3,7):0
                                                     (3,9):0
(3,4):-1
          (3,5):1
                     (3,6): -1
                                          (3,8):1
                                                     (5,9):1
                     (4,9):1
                                          (5,8):-1
(4,7):0
          (4,8):1
                                (5,7):0
          (6,8):1
                     (6,9): -1
(6,7):0
```

8. Inequality 8 with incidence 58 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,5):0
                     (1,6): -1
                                (1,7):0
                                                     (1,9):1
(1,4):-1
                                          (1,8):1
(2,4):1
          (2,5):0
                     (2,6): -1
                                (2,7):1
                                          (2,8):1
                                                     (2,9):0
                               (3,7):-1
                                                     (3,9):-1
(3,4):1
          (3,5):0
                     (3,6):0
                                          (3,8):1
(4,7):0
          (4,8):0
                     (4,9):1
                                (5,7):0
                                          (5,8):0
                                                     (5,9):0
(6,7):0
          (6,8):1
                     (6,9):1
```

9. Inequality 9 with incidence 56 and stabilizer of size 4. Orbit size is 82944 nature: unknown

```
(1,6):1
                                                     (1,9): -2
(1,4):1
          (1,5): -1
                                (1,7):0
                                          (1,8):1
(2,4):2
                                (2,7):0
                                                     (2,9):-1
          (2,5):1
                     (2,6):2
                                          (2,8): -2
          (3,5):0
(3,4):2
                                (3,7):0
                                          (3,8):0
                                                     (3,9):0
                     (3,6): -2
(4,7):0
          (4,8):1
                     (4,9):2
                                (5,7):0
                                                     (5,9):-1
                                          (5,8):1
          (6,8):1
                     (6,9):2
(6,7):0
```

10. Inequality 10 with incidence 56 and stabilizer of size 4. Orbit size is 82944 nature: unknown

```
(1,4):-1
           (1,5):0
                     (1,6):1
                                (1,7):1
                                           (1,8):2
                                                     (1,9):-1
                                                     (2,9):1
(2,4):-1
           (2,5):0
                     (2,6): -1
                                (2,7):2
                                           (2,8):1
(3,4):0
          (3,5):0
                     (3,6): -1
                                (3,7): -2
                                           (3,8):2
                                                     (3,9):1
(4,7):1
          (4,8):1
                     (4,9):0
                                (5,7):0
                                           (5,8):0
                                                     (5,9):0
(6,7):0
           (6,8):0
                     (6,9):1
```

11. Inequality 11 with incidence 56 and stabilizer of size 16. Orbit size is 20736 nature: unknown

```
(1,7):1
(1,4):-1
           (1,5):0
                      (1,6):1
                                           (1,8):2
                                                     (1,9):-1
                                           (2,8):0
                                                      (2,9):2
(2,4):-2
           (2,5):0
                     (2,6): -2
                                 (2,7):2
(3,4):-1
                                (3,7):-1
           (3,5):0
                      (3,6):1
                                           (3,8):2
                                                      (3,9):1
                                                      (5,9):0
(4,7):1
           (4,8):2
                      (4,9):1
                                 (5,7):0
                                           (5,8):0
(6,7):1
           (6,8): -2
                      (6,9):1
```

12. Inequality 12 with incidence 56 and stabilizer of size 24. Orbit size is 13824 nature: unknown

```
(1,4):1
           (1,5):-1
                      (1,6): -1
                                 (1,7):1
                                           (1,8):1
                                                      (1,9):-1
(2,4):1
           (2,5):0
                                 (2,7):0
                                           (2,8):-1
                                                      (2,9):-1
                      (2,6):1
(3,4):1
           (3,5):1
                      (3,6):-1
                                 (3,7):1
                                           (3,8):-1
                                                      (3,9):1
(4,7):-1
           (4,8):1
                      (4,9):1
                                 (5,7):0
                                           (5,8):1
                                                      (5,9):-1
(6,7):1
           (6,8):1
                      (6,9):1
```

13. Inequality 13 with incidence 56 and stabilizer of size 4. Orbit size is 82944 nature: unknown

```
(1,4):-1
          (1,5):0
                     (1,6):1
                               (1,7):-1
                                          (1,8):0
                                                     (1,9):1
(2,4):-1
                                (2,7):1
                                          (2,8):2
                                                     (2,9):1
          (2,5):0
                    (2,6):-1
(3,4):0
          (3,5):0
                     (3,6):0
                               (3,7):-1
                                          (3,8):2
                                                    (3,9):-1
          (4,8):1
(4,7):0
                     (4,9):1
                                (5,7):0
                                          (5,8):0
                                                     (5,9):0
          (6,8):1
                     (6,9):0
(6,7):1
```

14. Inequality 14 with incidence 52 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,9):1
(1,4):-1
           (1,5):0
                     (1,6): -2
                                 (1,7):1
                                           (1,8):1
(2,4):2
                                 (2,7):2
                                           (2,8):2
                                                     (2,9):-1
           (2,5):0
                     (2,6):-1
(3,4):1
           (3,5):0
                     (3,6):-1
                                (3,7):-2
                                           (3,8):2
                                                      (3,9):0
                                 (5,7):0
                                           (5,8):0
(4,7):0
          (4,8):-1
                      (4,9):1
                                                      (5,9):0
(6,7):1
           (6,8):2
                      (6,9):1
```

15. Inequality 15 with incidence 52 and stabilizer of size 4. Orbit size is 82944 nature: unknown

```
(1,4):2
           (1,5):0
                      (1,6):2
                                (1,7):-1
                                           (1,8):0
                                                      (1,9):1
(2,4):-2
           (2,5):0
                      (2,6):2
                                 (2,7):1
                                           (2,8):2
                                                     (2,9):1
(3,4):-1
           (3,5):0
                      (3,6):1
                                (3,7):-1
                                           (3,8):2
                                                     (3,9):-1
                                                     (5,9):0
(4,7):1
           (4,8):2
                     (4,9):0
                                (5,7):0
                                           (5,8):0
(6,7):0
           (6,8): -2
                     (6,9):-1
```

16. Inequality 16 with incidence 52 and stabilizer of size 4. Orbit size is 82944 nature: unknown

```
(1,4):0
          (1,5): -1
                      (1,6):2
                                 (1,7):2
                                            (1,8):1
                                                       (1,9):2
(2,4):0
                                            (2,8):2
                                                      (2,9):-1
           (2,5):1
                      (2,6):1
                                 (2,7):1
           (3,5):0
                                (3,7):-2
(3,4):0
                      (3,6):1
                                            (3,8):2
                                                       (3,9):1
                      (4,9):0
(4,7):0
           (4,8):0
                                 (5,7):0
                                           (5,8):-1
                                                       (5,9):1
           (6,8): -2
                     (6,9): -1
(6,7):-1
```

17. Inequality 17 with incidence 52 and stabilizer of size 4. Orbit size is 82944 nature: unknown

```
(1,5):0
                                          (1,8):-1
                                                     (1,9):1
(1,4):1
                    (1,6):1
                               (1,7): -2
(2,4):-2
          (2,5):0
                    (2,6):1
                               (2,7):1
                                          (2,8):1
                                                     (2,9):1
                                                    (3,9):-1
(3,4):1
          (3,5):0
                    (3,6):1
                               (3,7):-2
                                          (3,8):1
(4,7):2
          (4,8):1
                    (4,9):1
                               (5,7):0
                                          (5,8):0
                                                     (5,9):0
          (6,8):0
                     (6,9):0
(6,7):1
```

18. Inequality 18 with incidence 52 and stabilizer of size 4. Orbit size is 82944 nature: unknown

```
(1,9):0
(1,4):0
           (1,5):1
                     (1,6): -1
                                (1,7):0
                                           (1,8):0
                                                     (2,9):0
(2,4):1
           (2,5):0
                      (2,6):1
                                (2,7):0
                                           (2,8):0
(3,4):-1
                                (3,7):0
                                           (3,8):1
                                                     (3,9):0
           (3,5):1
                      (3,6):1
                                                     (5,9):1
(4,7):0
           (4,8):1
                      (4,9):1
                                (5,7):0
                                          (5,8):-1
(6,7):0
          (6,8): -1
                      (6,9):0
```

19. Inequality 19 with incidence 51 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4): -2
           (1,5):0
                     (1,6):1
                                (1,7):1
                                          (1,8):1
                                                     (1,9):1
                                                     (2,9):-1
(2,4):1
          (2,5):1
                     (2,6):1
                                (2,7):0
                                          (2,8):0
(3,4):0
          (3,5):-1
                     (3,6):1
                               (3,7):-1
                                          (3,8):1
                                                     (3,9):0
(4,7):1
          (4,8):1
                     (4,9):1
                               (5,7):-1
                                          (5,8):0
                                                     (5,9):1
(6,7):0
          (6,8):-1
                     (6,9):0
```

20. Inequality 20 with incidence 50 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,7):-2
                                                     (1,9):1
(1,4):2
          (1,5):0
                     (1,6):2
                                          (1,8): -3
                                (2,7):2
(2,4):-3
          (2,5):0
                     (2,6):2
                                           (2,8):1
                                                     (2,9):2
                               (3,7):-2
                                                     (3,9):1
(3,4):-1
          (3,5):0
                     (3,6):-1
                                           (3,8):3
                                                     (5,9):0
(4,7):2
          (4,8):3
                     (4,9):1
                                (5,7):0
                                           (5,8):0
(6,7):0
          (6,8):2
                     (6,9): -1
```

21. Inequality 21 with incidence 50 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):1
           (1,5): -1
                      (1,6):0
                                 (1,7):0
                                            (1,8):1
                                                       (1,9):-1
                      (2,6): -1
                                 (2,7):-1
                                            (2,8):0
                                                       (2,9):0
(2,4):1
           (2,5):1
(3,4):1
           (3,5):0
                      (3,6):1
                                 (3,7):0
                                            (3,8):-1
                                                       (3,9):-1
(4,7):1
           (4,8):0
                      (4,9):2
                                 (5,7):1
                                            (5,8):2
                                                       (5,9):-1
(6,7):-1
           (6,8):2
                      (6,9):1
```

22. Inequality 22 with incidence 48 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,6):1
                                (1,7):1
(1,4):-1
          (1,5): -1
                                           (1,8):1
                                                     (1,9):1
(2,4):0
                                (2,7):0
                                          (2,8):0
                                                     (2,9):0
          (2,5):1
                     (2,6):1
(3,4):1
          (3,5):-1
                     (3,6):1
                                (3,7):-1
                                          (3,8):1
                                                     (3,9):-1
(4,7):1
          (4,8):0
                     (4,9):1
                                (5,7):-1
                                          (5,8):1
                                                     (5,9):1
          (6,8):-1
(6,7):0
                     (6,9):0
```

23. Inequality 23 with incidence 48 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,9):1
           (1,5):0
                     (1,6):2
                                (1,7):1
(1,4):1
                                           (1,8):-1
                                                      (2,9):1
(2,4):-1
           (2,5):0
                     (2,6):0
                                (2,7):1
                                           (2,8):1
(3,4): -1
           (3,5):0
                     (3,6):1
                                (3,7):0
                                           (3,8):0
                                                      (3,9):0
(4,7):0
           (4,8):1
                     (4,9):0
                                (5,7):-1
                                           (5,8):0
                                                      (5,9):1
(6,7):-1
           (6,8):1
                     (6,9): -1
```

24. Inequality 24 with incidence 48 and stabilizer of size 8. Orbit size is 41472 nature: unknown

```
(1,4):1
           (1,5):1
                                 (1,7):0
                                                      (1,9):0
                      (1,6):1
                                            (1,8):1
(2,4):-1
           (2,5):1
                      (2,6):1
                                 (2,7):0
                                           (2,8):1
                                                      (2,9):0
(3,4):0
          (3,5):-1
                      (3,6):1
                                (3,7):-1
                                           (3,8):0
                                                      (3,9):1
(4,7):1
           (4,8):0
                     (4,9):1
                                (5,7):-1
                                           (5,8):-1
                                                      (5,9):1
(6,7):1
          (6,8):-1
                     (6,9):-1
```

25. Inequality 25 with incidence 48 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):0
          (1,5): -1
                     (1,6):1
                               (1,7):0
                                          (1,8):0
                                                     (1,9):0
                               (2,7):0
(2,4):-1
           (2,5):0
                     (2,6):1
                                          (2,8):1
                                                     (2,9):1
                               (3,7):0
                                                    (3,9):-1
(3,4):0
           (3,5):1
                     (3,6):1
                                          (3,8):1
                                                    (5,9):1
                     (4,9):1
(4,7):1
           (4,8):1
                               (5,7):0
                                         (5,8):-1
          (6,8): -2
                     (6,9):0
(6,7):1
```

26. Inequality 26 with incidence 48 and stabilizer of size 8. Orbit size is 41472 nature: unknown

```
(1,9):0
(1,4):1
           (1,5):1
                     (1,6): -1
                                 (1,7):1
                                           (1,8):0
(2,4):-1
           (2,5):1
                     (2,6): -1
                                 (2,7):2
                                           (2,8):1
                                                     (2,9):0
(3,4):1
          (3,5):-1
                      (3,6):1
                                (3,7):-2
                                           (3.8):1
                                                     (3,9):0
(4,7):1
           (4,8):0
                      (4,9):0
                                (5,7): -2
                                           (5,8):0
                                                     (5,9):1
(6,7):2
           (6,8):0
                      (6,9):1
```

27. Inequality 27 with incidence 48 and stabilizer of size 4. Orbit size is 82944 nature: unknown

```
(1,4):-1
           (1,5):1
                      (1,6):2
                                 (1,7):0
                                           (1,8):2
                                                      (1,9): -2
(2,4):-1
                                 (2,7):2
                                                      (2,9):1
           (2,5):0
                      (2,6):-1
                                           (2,8):1
(3,4):0
           (3,5): -1
                      (3,6):1
                                (3,7):-2
                                           (3,8):1
                                                      (3,9):1
(4,7):1
                      (4,9):0
                                                      (5,9):1
           (4,8):1
                                (5,7):-1
                                           (5,8):0
(6,7):2
           (6,8):-1
                      (6,9):1
```

28. Inequality 28 with incidence 48 and stabilizer of size 16. Orbit size is 20736 nature: unknown

```
(1,4):0
          (1,5):0
                    (1,6):0
                               (1,7):0
                                          (1,8):0
                                                    (1,9):0
(2,4):0
                                                    (2,9):0
          (2,5):1
                    (2,6):1
                               (2,7):0
                                          (2,8):0
(3,4):0
          (3,5):0
                    (3,6):0
                               (3,7):-1
                                         (3,8):1
                                                    (3,9):0
(4,7):1
          (4,8):1
                    (4,9):2
                               (5,7):-1
                                         (5,8):-1
                                                    (5,9):1
(6,7):1
          (6,8):1
                    (6,9):-1
```

29. Inequality 29 with incidence 47 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):1
                                                     (1,9):0
(1,4):-1
          (1,5):-1
                     (1,6):2
                                           (1,8):1
                                (2,7):1
(2,4):0
           (2,5):1
                     (2,6):1
                                          (2,8):1
                                                     (2,9):0
                               (3,7):-1
                                                     (3,9):0
(3,4):-1
           (3,5):1
                     (3,6):1
                                          (3,8):2
                                                     (5,9):0
(4,7):0
           (4,8):1
                     (4,9):1
                                (5,7):0
                                          (5,8):-1
(6,7):-1
          (6,8): -2
                     (6,9):1
```

30. Inequality 30 with incidence 47 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):-1
           (1,5):-1
                     (1,6):1
                                (1,7):0
                                           (1,8):0
                                                      (1,9):1
           (2,5):1
                     (2,6):1
                                           (2,8):1
(2,4):0
                                (2,7):1
                                                      (2,9):0
(3,4):1
           (3,5):1
                     (3,6):1
                                (3,7):-1
                                           (3,8):1
                                                      (3,9):-1
(4,7):1
           (4,8):0
                     (4,9):1
                                (5,7): -1
                                           (5,8):-1
                                                      (5,9):1
(6,7):0
           (6,8):-1
                     (6,9):0
```

31. Inequality 31 with incidence 46 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):0
          (1,5):2
                     (1,6):1
                               (1,7):1
                                          (1,8):1
                                                     (1,9):-1
(2,4):0
          (2,5):1
                               (2,7):1
                                          (2,8):1
                                                     (2,9):-1
                    (2,6): -2
                                                     (3,9):1
(3,4):0
          (3,5):0
                    (3,6):1
                               (3,7):-1
                                          (3,8):1
(4,7):1
          (4,8):0
                    (4,9):1
                               (5,7):-1
                                          (5,8):-1
                                                     (5,9):1
          (6,8):0
                    (6,9):-1
(6,7):1
```

32. Inequality 32 with incidence 46 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,9):1
(1,4):1
           (1,5):-1
                      (1,6):1
                                (1,7):1
                                           (1,8): -1
(2,4):0
                                (2,7):1
                                                      (2,9):-1
           (2,5):1
                      (2,6):1
                                           (2,8):2
(3,4):-1
           (3,5):0
                     (3,6):1
                                (3,7):-1
                                           (3,8):1
                                                      (3,9):0
(4,7):-1
           (4,8):2
                     (4,9):1
                                (5,7):0
                                           (5,8):-1
                                                      (5,9):1
(6,7):0
           (6,8):-1
                     (6,9):0
```

33. Inequality 33 with incidence 46 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):0
           (1,5):-1
                      (1,6):1
                                (1,7):-1
                                            (1,8):0
                                                       (1,9):1
(2,4):0
           (2,5):1
                      (2,6):1
                                 (2,7):0
                                            (2,8):1
                                                      (2,9):-1
(3,4):-1
           (3,5):0
                      (3,6):1
                                 (3,7):0
                                            (3,8):1
                                                       (3,9):1
(4,7):2
           (4,8):1
                      (4,9):2
                                (5,7):-1
                                           (5,8):-1
                                                       (5,9):2
(6,7):2
           (6,8): -2
                     (6,9):-1
```

34. Inequality 34 with incidence 46 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):-1
           (1,5):1
                     (1,6):2
                                (1,7):2
                                           (1,8):-1
                                                      (1,9):-1
(2,4):-2
           (2,5):2
                     (2,6): -1
                                (2,7):1
                                           (2,8):2
                                                      (2,9):0
           (3,5):0
                                (3,7):0
(3,4):0
                     (3,6):0
                                           (3,8):0
                                                      (3,9):0
(4,7):3
           (4,8):1
                                           (5,8): -2
                     (4,9):3
                                (5,7): -2
                                                      (5,9):3
(6,7): -2
           (6,8):2
                     (6,9):1
```

35. Inequality 35 with incidence 44 and stabilizer of size 4. Orbit size is 82944 nature: unknown

```
(1,5): -2
                      (1,6):1
(1,4):1
                                 (1,7):1
                                            (1,8):1
                                                       (1,9): -2
(2,4):1
           (2,5):1
                      (2,6):1
                                 (2,7):-1
                                            (2,8):-1
                                                       (2,9):-1
(3,4):1
           (3,5):0
                      (3,6): -1
                                 (3,7):1
                                            (3,8):-1
                                                       (3,9):0
(4,7):-1
           (4,8):2
                      (4,9):2
                                 (5,7):2
                                            (5,8):2
                                                       (5,9):-1
(6,7):2
           (6,8): -1
                      (6,9):2
```

36. Inequality 36 with incidence 44 and stabilizer of size 4. Orbit size is 82944 nature: unknown

```
(1,9):2
(1,4):-1
           (1,5):-1
                      (1,6):1
                                (1,7):0
                                           (1,8):-1
(2,4):-2
                                                      (2,9):2
           (2,5):0
                      (2,6):2
                                (2,7):0
                                           (2,8):2
                      (3,6):1
(3,4):-1
                                (3,7):0
                                           (3,8):2
                                                     (3,9):-1
           (3,5):1
(4,7):2
                      (4,9):2
           (4,8):2
                                (5,7):0
                                          (5,8):-1
                                                      (5,9):1
(6,7):2
           (6,8): -2
                     (6,9): -2
```

37. Inequality 37 with incidence 44 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):0
          (1,5):1
                     (1,6):1
                               (1,7):1
                                          (1,8):1
                                                    (1,9): -2
(2,4):0
          (2,5):0
                     (2,6):1
                               (2,7):1
                                          (2,8):1
                                                    (2,9):1
(3,4):0
          (3,5):-1
                     (3,6):1
                               (3,7): -2
                                          (3,8):1
                                                    (3,9):1
(4,7):1
          (4,8):0
                     (4,9):1
                               (5,7):-1
                                          (5,8):0
                                                    (5,9):1
(6,7):0
          (6,8):-1
                     (6,9):0
```

38. Inequality 38 with incidence 44 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,9):0
(1,4): -2
           (1,5):1
                      (1,6):1
                                 (1,7):1
                                           (1,8):1
           (2,5):0
(2,4):-1
                     (2,6): -2
                                 (2,7):1
                                           (2,8):1
                                                     (2,9):1
                                (3,7):-1
                                                     (3,9):0
(3,4):0
           (3,5):-1
                      (3,6):1
                                           (3,8):1
(4,7):1
           (4,8):1
                      (4,9):1
                                (5,7):-1
                                           (5,8):0
                                                     (5,9):1
(6,7):1
           (6,8):0
                      (6,9):1
```

39. Inequality 39 with incidence 44 and stabilizer of size 4. Orbit size is 82944 nature: unknown

```
(1,4):0
          (1,5):-1
                     (1,6):1
                                (1,7):0
                                          (1,8):1
                                                    (1,9):1
(2,4):0
                                (2,7):0
                                          (2,8):0
                                                    (2,9):0
          (2,5):1
                     (2,6):1
(3,4):0
          (3,5):-1
                     (3,6):1
                               (3,7):-1
                                          (3,8):1
                                                    (3,9):0
(4,7):1
          (4,8):0
                     (4,9):1
                               (5,7):-1
                                          (5,8):1
                                                    (5,9):1
(6,7):1
          (6,8):-1
                     (6,9):-1
```

40. Inequality 40 with incidence 44 and stabilizer of size 4. Orbit size is 82944 nature: unknown

```
(1,4):-1
           (1,5):2
                      (1,6):1
                                 (1,7):2
                                            (1,8):3
                                                       (1,9):-1
           (2,5):0
                                 (2,7):0
                                            (2,8):0
                                                       (2,9):0
(2,4):1
                      (2,6):1
(3,4):-1
           (3,5):2
                      (3,6):1
                                 (3,7): -2
                                            (3,8):3
                                                       (3,9):-1
(4,7):0
           (4,8):2
                      (4,9):1
                                 (5,7):0
                                            (5,8): -2
                                                       (5,9):2
           (6,8): -2
                      (6,9):-1
(6,7):0
```

41. Inequality 41 with incidence 44 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,5):0
                                 (1,7):0
                                                      (1,9):0
(1,4):2
                      (1,6):2
                                           (1,8):0
(2,4):-2
                                 (2,7):1
           (2,5):0
                      (2,6):1
                                           (2,8):1
                                                      (2,9):1
(3,4):-1
           (3,5):0
                      (3,6):0
                                (3,7):-1
                                           (3,8):1
                                                      (3,9):1
                                 (5,7):0
(4,7):1
           (4,8):2
                      (4,9):2
                                           (5,8):-1
                                                      (5,9):1
(6,7):-1
           (6,8):-1
                     (6,9):-1
```

42. Inequality 42 with incidence 44 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):0
          (1,5):0
                                (1,7):-1
                                           (1,8):1
                                                      (1,9):1
                     (1,6):1
(2,4):0
          (2,5):2
                     (2,6):1
                                (2,7):1
                                           (2,8):1
                                                     (2,9):-1
(3,4):0
          (3,5):-1
                     (3,6):1
                                (3,7):-1
                                           (3,8):0
                                                      (3,9):1
(4,7):2
          (4,8):0
                     (4,9):2
                                (5,7): -2
                                           (5,8):-1
                                                      (5,9):2
(6,7):1
          (6,8):-1
                     (6,9):-1
```

43. Inequality 43 with incidence 44 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
          (1,5):0
                     (1,6):2
                               (1,7):1
                                          (1,8): -1
                                                     (1,9):-1
                    (2,6):1
                                                     (2,9):-1
(2,4):-1
          (2,5):0
                               (2,7):2
                                          (2,8):1
                                                     (3,9):0
(3,4):-1
          (3,5):0
                    (3,6):1
                               (3,7):-1
                                          (3,8):1
                               (5,7):1
                                                     (5,9):1
          (4,8):1
                                          (5,8):0
(4,7):0
                     (4,9):0
                     (6,9):1
(6,7):-1
          (6,8):0
```

44. Inequality 44 with incidence 44 and stabilizer of size 4. Orbit size is 82944 nature: unknown

```
(1,5):0
                                                      (1,9):0
(1,4):2
                      (1,6):2
                                 (1,7):0
                                           (1,8):0
(2,4):-2
           (2,5):0
                      (2,6):1
                                 (2,7):1
                                           (2,8):1
                                                      (2,9):1
(3,4):-2
           (3,5):0
                      (3,6):1
                                (3,7):-1
                                           (3,8):1
                                                      (3,9):1
(4,7):0
           (4,8):2
                      (4,9):2
                                 (5,7):0
                                           (5,8):-1
                                                      (5,9):1
           (6,8):-1
(6,7):0
                     (6,9):-1
```

45. Inequality 45 with incidence 44 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):0
                      (1,6):1
                                 (1,7):0
                                           (1,8):0
                                                      (1,9):0
(2,4):-1
           (2,5):1
                      (2,6):1
                                 (2,7):0
                                           (2,8):1
                                                      (2,9):0
                     (3,6):1
(3,4):0
          (3,5): -1
                                (3,7):-1
                                           (3,8):0
                                                      (3,9):1
                     (4,9):2
                                                      (5,9):2
(4,7):1
           (4,8):1
                                (5,7):-1
                                           (5,8):-1
                     (6,9):-1
(6,7):1
          (6,8):-1
```

46. Inequality 46 with incidence 44 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):1
                      (1,6):1
                                 (1,7):0
                                            (1,8):0
                                                       (1,9):-1
(2,4):-1
           (2,5):1
                      (2,6):1
                                 (2,7):0
                                            (2,8):1
                                                       (2,9):0
(3,4):0
           (3,5): -2
                      (3,6):2
                                 (3,7):-2
                                            (3,8):0
                                                       (3,9):2
                      (4,9):3
(4,7):2
           (4,8):1
                                 (5,7): -2
                                            (5,8):-1
                                                       (5,9):3
(6,7):2
           (6,8): -1
                      (6,9):-1
```

47. Inequality 47 with incidence 44 and stabilizer of size 4. Orbit size is 82944 nature: unknown

```
(1,9):-1
(1,4):1
          (1,5):0
                    (1,6):2
                               (1,7):1
                                          (1,8): -1
(2,4):-1
          (2,5):0
                    (2,6):0
                               (2,7):1
                                          (2,8):1
                                                     (2,9):-1
                               (3,7):-1
                                                     (3,9):1
(3,4):-1
          (3,5):0
                    (3,6):2
                                          (3,8):1
(4,7):0
          (4,8):1
                     (4,9):0
                               (5,7):1
                                          (5,8):0
                                                     (5,9):1
(6,7):0
          (6,8):0
                     (6,9):0
```

48. Inequality 48 with incidence 44 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
\overline{(1,7)}:0
(1,4):1
            (1,5):1
                       (1,6):1
                                              (1,8):0
                                                         (1,9):-1
(2,4):-1
            (2,5):0
                       (2,6):1
                                  (2,7):0
                                                         (2,9):1
                                              (2,8):1
(3,4):0
           (3,5):-1
                       (3,6):1
                                  (3,7):-1
                                              (3,8):0
                                                         (3,9):1
(4,7):1
           (4,8):1
                       (4,9):2
                                  (5,7):-1
                                              (5,8):-1
                                                         (5,9):2
(6,7):1
           (6,8): -1
                       (6,9):-1
```

49. Inequality 49 with incidence 43 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,6):1
                                 (1,7):-1
(1,4):0
           (1,5):-1
                                            (1,8):-1
                                                       (1,9):2
(2,4):-1
           (2,5):0
                                 (2,7):1
                                            (2,8):0
                                                       (2,9):1
                      (2,6): -1
(3,4):-1
           (3,5):1
                      (3,6):2
                                 (3,7):-1
                                            (3,8):2
                                                       (3,9):1
(4,7):1
           (4,8):1
                      (4,9):2
                                 (5,7):0
                                            (5,8):-1
                                                       (5,9):1
(6,7):2
           (6,8):-1
                      (6,9):-1
```

50. Inequality 50 with incidence 43 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
          (1,5):-1
                      (1,6):1
                                 (1,7):1
                                            (1,8):1
                                                      (1,9):1
           (2,5):2
                                 (2,7):2
                                           (2,8):2
                                                      (2,9):-1
(2,4):-1
                      (2,6):0
(3,4):0
           (3,5):1
                      (3,6):1
                                (3,7):-2
                                           (3,8):2
                                                      (3,9):0
(4,7):1
           (4,8):1
                      (4,9):0
                                 (5,7):0
                                           (5,8):-1
                                                      (5,9):1
(6,7):0
          (6,8):-1
                     (6,9):-1
```

51. Inequality 51 with incidence 43 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
          (1,5):-1
                                (1,7):0
                                                     (1,9):2
                      (1,6):1
                                           (1,8):-1
(2,4): -2
           (2,5):1
                      (2,6):2
                                (2,7):0
                                           (2,8):2
                                                     (2,9):1
(3,4):-1
           (3,5):0
                     (3,6):-1
                                (3,7):0
                                           (3,8):1
                                                     (3,9):1
(4,7):1
           (4,8):1
                      (4,9):2
                                (5,7):0
                                          (5,8):-1
                                                     (5,9):1
(6,7):1
           (6,8):0
                     (6,9):-1
```

52. Inequality 52 with incidence 43 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):0
          (1,5): -1
                      (1,6):1
                                (1,7):-1
                                           (1,8):1
                                                     (1,9):0
(2,4):0
                                                     (2,9):0
           (2,5):1
                      (2,6):1
                                (2,7):0
                                           (2,8):0
                                                     (3,9):1
(3,4):-1
           (3,5):0
                     (3,6):1
                                (3,7):0
                                           (3,8):1
           (4,8):1
(4,7):1
                      (4,9):1
                                (5,7):-1
                                           (5,8):0
                                                     (5,9):1
          (6,8):-1
                     (6,9):-1
(6,7):1
```

53. Inequality 53 with incidence 43 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-2
           (1,5):1
                                 (1,7):1
                                                     (1,9): -2
                      (1,6):2
                                           (1,8):2
(2,4):-2
           (2,5):0
                     (2,6): -2
                                (2,7):3
                                           (2,8):2
                                                     (2,9):1
                                           (3,8):2
(3,4):0
          (3,5):-1
                      (3,6):1
                                (3,7):-3
                                                     (3,9):1
(4,7):2
           (4,8):2
                      (4,9):0
                                (5,7):-1
                                           (5,8):0
                                                     (5,9):1
(6,7):2
           (6,8):0
                      (6,9):1
```

54. Inequality 54 with incidence 42 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,6):2
                                (1,7):1
                                                      (1,9): -2
(1,4):1
           (1,5):1
                                           (1,8):-1
(2,4):-1
           (2,5): -2
                                (2,7):2
                                                      (2,9):0
                      (2,6):2
                                           (2,8):1
(3,4):-1
           (3,5):2
                                (3,7):-1
                                           (3,8):1
                                                      (3,9): -2
                     (3,6):1
(4,7):0
           (4,8):1
                     (4,9):0
                                           (5,8):0
                                                      (5,9):2
                                (5,7):1
                     (6,9):2
(6,7):-1
           (6,8):0
```

55. Inequality 55 with incidence 42 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):0
           (1,5): -2
                     (1,6):2
                                (1,7): -2
                                           (1,8):2
                                                     (1,9):0
                                                     (2,9):1
(2,4):-2
           (2,5):0
                     (2,6):1
                                (2,7):1
                                           (2,8):1
(3,4):0
           (3,5):2
                     (3,6):2
                                (3,7):0
                                           (3,8):2
                                                     (3,9): -2
(4,7):2
                     (4,9):2
           (4,8):2
                                (5,7): -2
                                          (5,8):0
                                                     (5,9):2
(6,7):1
           (6,8): -3
                     (6,9):1
```

56. Inequality 56 with incidence 42 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):1
                                                     (1,9):1
(1,4):-1
          (1,5):-1
                     (1,6):1
                                           (1,8):1
(2,4):-1
          (2,5):1
                     (2,6):1
                                (2,7):1
                                          (2,8):0
                                                     (2,9):0
(3,4):2
                                (3,7):-2
                                                     (3,9):-2
          (3,5): -1
                     (3,6):2
                                          (3,8):1
                                                     (5,9):2
(4,7):2
           (4,8):0
                     (4,9):2
                                (5,7):-2
                                          (5,8):1
(6,7):0
          (6,8): -1
                     (6,9):1
```

57. Inequality 57 with incidence 42 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,8): -\overline{1}
(1,4):1
            (1,5):2
                       (1,6):2
                                   (1,7):1
                                                         (1,9):-1
            (2,5):0
(2,4):-2
                                  (2,7):2
                                                         (2,9):2
                       (2,6):1
                                              (2,8):1
(3,4):0
           (3,5): -2
                       (3,6):2
                                  (3,7):-2
                                              (3,8):0
                                                         (3,9):2
(4,7):1
           (4,8):1
                       (4,9):1
                                  (5,7):-2
                                              (5,8):0
                                                         (5,9):2
(6,7):0
                       (6,9): -2
            (6,8):1
```

58. Inequality 58 with incidence 42 and stabilizer of size 4. Orbit size is 82944 nature: unknown

```
(1,6):1
                                (1,7):1
(1,4):0
           (1,5):1
                                           (1,8):2
                                                     (1,9): -3
(2,4):-1
                                (2,7):2
                                          (2,8):2
                                                     (2,9):2
           (2,5):0
                     (2,6):1
(3,4):0
          (3,5):-1
                     (3,6):1
                                (3,7): -3
                                          (3,8):2
                                                     (3,9):1
(4,7):1
          (4,8):1
                     (4,9):1
                                (5,7):-1
                                          (5,8):0
                                                     (5,9):1
          (6,8):-1
(6,7):0
                     (6,9):0
```

59. Inequality 59 with incidence 42 and stabilizer of size 4. Orbit size is 82944 nature: unknown

```
(1,8):0
           (1,5):1
                                (1,7):0
                                                    (1,9):-1
(1,4):1
                     (1,6):1
                                                     (2,9):0
(2,4):-1
           (2,5):1
                     (2,6):0
                                (2,7):1
                                          (2,8):1
(3,4):0
           (3,5):0
                     (3,6):1
                               (3,7):-1
                                          (3,8):1
                                                    (3,9):-1
(4,7):0
           (4,8):1
                     (4,9):1
                               (5,7):-1
                                          (5,8):0
                                                     (5,9):1
(6,7):1
          (6,8):-1
                     (6,9):0
```

60. Inequality 60 with incidence 42 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):-1
                      (1,6):3
                                 (1,7):2
                                            (1,8):1
                                                       (1,9):2
(2,4):-1
           (2,5):1
                      (2,6):2
                                 (2,7):2
                                            (2,8):3
                                                      (2,9):-1
(3,4):-1
           (3,5):0
                      (3,6):1
                                 (3,7):-2
                                            (3,8):3
                                                       (3,9):1
(4,7):0
           (4,8):1
                      (4,9):0
                                 (5,7):0
                                            (5,8):-1
                                                       (5,9):1
(6,7): -2
           (6,8): -3
                      (6,9):-1
```

61. Inequality 61 with incidence 42 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):0
           (1,5): -1
                      (1,6):1
                                 (1,7):-1
                                            (1,8): -1
                                                       (1,9):2
(2,4):-1
           (2,5):0
                      (2,6): -1
                                 (2,7):0
                                            (2,8):1
                                                       (2,9):1
                                 (3,7):-1
                                                       (3,9):1
(3,4):-1
           (3,5):1
                      (3,6):2
                                            (3,8):2
                      (4,9):2
(4,7):1
           (4,8):1
                                 (5,7):0
                                            (5,8):-1
                                                       (5,9):1
(6,7):1
           (6,8):0
                      (6,9):-1
```

62. Inequality 62 with incidence 42 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,6):1
(1,4):-1
           (1,5):2
                                (1,7):2
                                                      (1,9): -2
                                           (1,8):2
(2,4):1
           (2,5):0
                     (2,6):1
                                (2,7):-1
                                           (2,8):0
                                                      (2,9):-1
                                                      (3,9): -2
(3,4):0
                                (3,7):2
           (3,5):2
                     (3,6):0
                                           (3,8): -2
(4,7):2
                                                      (5,9):2
           (4,8):1
                     (4,9):1
                                (5,7): -2
                                           (5,8):0
(6,7):1
           (6,8):-1
                     (6,9):2
```

63. Inequality 63 with incidence 42 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):2
                                                     (1,9): -2
(1,4):1
           (1,5):1
                               (1,7):1
                                          (1,8): -1
                                          (2,8):0
                                                     (2,9):1
(2,4):-1
           (2,5):0
                     (2,6):1
                               (2,7):1
                     (3,6):0
(3,4):0
          (3,5):0
                               (3,7):0
                                          (3,8):1
                                                     (3,9):-1
(4,7):1
                     (4,9):2
                                          (5,8):-1
                                                     (5,9):1
          (4,8):1
                               (5,7):-1
(6,7): -2
           (6,8):2
                     (6,9):1
```

64. Inequality 64 with incidence 42 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):1
           (1,5):0
                     (1,6):-1
                                 (1,7):0
                                           (1,8):-1
                                                      (1,9):1
(2,4):-2
           (2,5):0
                     (2,6):-1
                                 (2,7):2
                                           (2,8):1
                                                      (2,9):2
(3,4):-1
           (3,5):0
                      (3,6):1
                                (3,7):-1
                                           (3,8):1
                                                      (3,9):0
(4,7):1
           (4,8):2
                      (4,9):1
                                (5,7):-2
                                           (5,8):0
                                                      (5,9):2
(6,7):2
           (6,8):-1
                      (6,9):2
```

65. Inequality 65 with incidence 42 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,5):1
                                (1,7):0
                                                     (1,9):-1
(1,4):1
                     (1,6):1
                                           (1,8):0
(2,4):-1
          (2,5):1
                     (2,6):1
                                (2,7):0
                                           (2,8):1
                                                     (2,9):0
(3,4):0
          (3,5):1
                                (3,7):0
                                                     (3,9):-1
                     (3,6): -1
                                          (3,8):1
                                                     (5,9):1
(4,7):0
          (4,8):1
                     (4,9):1
                               (5,7):-1
                                          (5,8):-1
(6,7):1
          (6,8):0
                     (6,9):0
```

66. Inequality 66 with incidence 41 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):-1
                      (1,6):1
                                 (1,7):-1
                                           (1,8): -2
                                                      (1,9):2
                                 (2,7):3
(2,4):-1
           (2,5):0
                      (2,6):2
                                            (2,8):2
                                                      (2,9):2
(3,4):0
           (3,5):1
                      (3,6):2
                                (3,7):-3
                                            (3,8):3
                                                      (3,9):1
(4,7):1
           (4,8):1
                      (4,9):0
                                 (5,7):0
                                           (5,8):-1
                                                      (5,9):1
(6,7):0
                     (6,9): -2
           (6,8):-1
```

67. Inequality 67 with incidence 41 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):1
(1,4): -2
           (1,5): -1
                                (1,7):1
                                           (1,8):1
                                                     (1,9):2
(2,4):0
           (2,5):1
                                (2,7):1
                                           (2,8):1
                                                     (2,9):0
                     (2,6):1
(3,4):2
           (3,5):0
                     (3,6):1
                                (3,7): -2
                                           (3,8):1
                                                     (3,9):-2
(4,7):2
           (4,8):0
                     (4,9):2
                                (5,7): -2
                                           (5,8):0
                                                     (5,9):2
           (6,8):-1
                     (6,9):0
(6,7):0
```

68. Inequality 68 with incidence 41 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,5):0
                      (1,6):2
                                (1,7):1
                                           (1,8): -1
                                                      (1,9):-1
(1,4):1
                                (2,7):2
                                                      (2,9):0
(2,4):-1
           (2,5):-1
                      (2,6):1
                                           (2,8):1
(3,4):-1
           (3,5):1
                      (3,6):1
                                (3,7):-1
                                           (3,8):1
                                                      (3,9):-1
(4,7):0
           (4,8):1
                      (4,9):0
                                (5,7):1
                                           (5,8):0
                                                      (5,9):1
(6,7):-1
           (6,8):0
                      (6,9):1
```

69. Inequality 69 with incidence 41 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):-1
                      (1,6):2
                                 (1,7): -2
                                            (1,8):1
                                                       (1,9):1
(2,4):0
           (2,5):2
                      (2,6):1
                                 (2,7):1
                                            (2,8):1
                                                      (2,9):-1
(3,4):-1
           (3,5):0
                      (3,6):1
                                 (3,7):0
                                            (3,8):1
                                                       (3,9):1
(4,7):2
           (4,8):0
                      (4,9):2
                                 (5,7): -2
                                           (5,8):-1
                                                       (5,9):2
(6,7):1
           (6,8): -2
                     (6,9):-1
```

70. Inequality 70 with incidence 41 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
          (1,5):0
                     (1,6):1
                                (1,7):2
                                          (1,8):1
                                                     (1,9):1
                                                     (2,9):0
(2,4):-1
          (2,5):0
                    (2,6): -1
                                (2,7):1
                                          (2,8):1
          (3,5):0
                               (3,7):-2
                                                     (3,9):2
(3,4):-1
                     (3,6):1
                                          (3,8):2
          (4,8):1
(4,7):1
                     (4,9):1
                                (5,7):0
                                          (5,8):-1
                                                     (5,9):1
          (6,8):0
                    (6,9):-1
(6,7):0
```

71. Inequality 71 with incidence 41 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):0
                                 (1,7):1
                                                      (1,9):1
(1,4):1
                      (1,6):1
                                            (1,8):0
(2,4):-1
           (2,5):1
                      (2,6):1
                                 (2,7):0
                                            (2,8):1
                                                      (2,9):0
                                (3,7):-1
                                                      (3,9):1
(3,4):0
           (3,5): -1
                      (3,6):1
                                           (3,8):0
(4,7):0
           (4,8):1
                      (4,9):1
                                (5,7):-1
                                           (5,8):-1
                                                      (5,9):2
(6,7):1
           (6,8):-1
                     (6,9):-1
```

72. Inequality 72 with incidence 41 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):2
                                                     (1,9): -2
(1,4):2
          (1,5):1
                                (1,7):0
                                          (1,8):-1
(2,4):-2
          (2,5):0
                                (2,7):1
                                                      (2,9):1
                     (2,6):2
                                           (2,8):2
                     (3,6): -1
(3,4):0
          (3,5):1
                               (3,7):-1
                                           (3,8):2
                                                     (3,9):-1
          (4,8):2
                     (4,9):1
                                (5,7):0
                                          (5,8):-1
                                                      (5,9):1
(4,7):1
(6,7):-1
          (6,8):0
                     (6,9):0
```

73. Inequality 73 with incidence 41 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):-1
           (1,5):0
                     (1,6):1
                                (1,7):0
                                          (1,8):1
                                                     (1,9):1
                                                    (2,9):-1
(2,4):0
          (2,5):1
                     (2,6):1
                                (2,7):1
                                          (2,8):0
(3,4):0
          (3,5):-1
                     (3,6):1
                               (3,7):-1
                                          (3,8):1
                                                     (3,9):0
                               (5,7):-1
(4,7):1
          (4,8):1
                     (4,9):1
                                          (5,8):0
                                                     (5,9):1
(6,7):0
          (6,8):-1
                     (6,9):0
```

74. Inequality 74 with incidence 41 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):1
                                (1,7):1
                                                      (1,9):0
(1,4):-1
                     (1,6):1
                                           (1,8):0
(2,4):1
          (2,5):0
                     (2,6):1
                                (2,7):0
                                          (2,8): -1
                                                     (2,9):-1
(3,4):0
          (3,5):1
                                (3,7):1
                                           (3,8):0
                                                     (3,9):-1
                     (3,6): -1
(4,7):1
          (4,8):1
                     (4,9):2
                                (5,7):-1
                                          (5,8):-1
                                                      (5,9):2
(6,7):0
           (6,8):1
                     (6,9):0
```

75. Inequality 75 with incidence 41 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):1
          (1,5): -1
                     (1,6):0
                                (1,7):1
                                          (1,8):0
                                                     (1,9):-1
(2,4):1
          (2,5):0
                     (2,6): -1
                                (2,7):0
                                          (2,8):0
                                                     (2,9):0
(3,4):0
          (3,5):0
                     (3,6):0
                                (3,7):1
                                          (3,8):-1
                                                     (3,9):0
(4,7):0
          (4,8):1
                     (4,9):1
                                (5,7):1
                                          (5,8):1
                                                     (5,9):-1
(6,7):1
          (6,8):1
                     (6,9):1
```

76. Inequality 76 with incidence 41 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):2
           (1,5):-1
                      (1,6):2
                                 (1,7):0
                                           (1,8): -1
                                                      (1,9):0
(2,4):-1
                                 (2,7):1
                                            (2,8):0
                                                      (2,9):0
           (2,5):1
                      (2,6):1
(3,4):-1
           (3,5):0
                      (3,6):1
                                 (3,7):0
                                            (3,8):1
                                                      (3,9):1
(4,7):1
           (4,8):1
                      (4,9):2
                                 (5,7):-1
                                           (5,8):-1
                                                      (5,9):2
           (6,8):0
                      (6,9):-1
(6,7):-1
```

77. Inequality 77 with incidence 41 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,5): -2
                      (1,6):0
                                 (1,7):2
                                            (1,8): -2
                                                       (1,9):2
(1,4):0
(2,4):-2
           (2,5):3
                                 (2,7):3
                                                       (2,9):-1
                      (2,6):0
                                            (2,8):3
(3,4):0
           (3,5):0
                      (3,6):1
                                 (3,7):-1
                                            (3,8):1
                                                       (3,9):1
           (4,8):2
(4,7):2
                      (4,9):2
                                 (5,7):-1
                                            (5,8):-3
                                                       (5,9):3
(6,7):1
           (6,8): -1
                      (6,9): -1
```

78. Inequality 78 with incidence 40 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):1
          (1,5): -2
                     (1,6):1
                                (1,7):1
                                           (1,8):1
                                                      (1,9): -2
(2,4):1
          (2,5):1
                     (2,6):1
                                (2,7):-1
                                           (2,8):-1
                                                      (2,9): -1
(3,4):1
          (3,5):1
                     (3,6): -1
                                (3,7):1
                                           (3,8):-1
                                                      (3,9):1
(4,7):0
                                                      (5,9):-1
          (4,8):0
                     (4,9):1
                                (5,7):1
                                           (5,8):2
(6,7):0
          (6,8):1
                     (6,9):2
```

79. Inequality 79 with incidence 40 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                     (1,6): -1
                                 (1,7):2
                                           (1,8):1
                                                     (1,9):-1
                                (2,7):0
(2,4):-1
           (2,5):1
                      (2,6):1
                                           (2,8):1
                                                      (2,9):0
                                (3,7):-2
(3,4):0
          (3,5): -2
                      (3,6):2
                                           (3,8):2
                                                      (3,9):0
(4,7):0
           (4,8):1
                      (4,9):1
                                (5,7):-2
                                           (5,8):0
                                                      (5,9):1
(6,7):2
          (6,8):-1
                      (6,9):1
```

80. Inequality 80 with incidence 40 and stabilizer of size 4. Orbit size is 82944 nature: unknown

```
(1,4):0
          (1,5): -2
                     (1,6):2
                                          (1,8):-1
                                                     (1,9):1
                               (1,7):0
(2,4):0
          (2,5):2
                     (2,6):1
                               (2,7):1
                                          (2,8):1
                                                     (2,9):-1
                                                     (3,9):-1
(3,4):0
          (3,5):2
                     (3,6):1
                               (3,7):-1
                                          (3,8):1
(4,7):0
          (4,8):1
                     (4,9):1
                               (5,7):0
                                         (5,8): -2
                                                     (5,9):2
(6,7):0
          (6,8):0
                     (6,9):0
```

81. Inequality 81 with incidence 40 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):0
                      (1,6):3
                                 (1,7):2
                                           (1,8):-1
                                                      (1,9):2
(2,4):-2
                                 (2,7):3
                                                      (2,9):0
           (2,5):2
                      (2,6):2
                                            (2,8):1
(3,4):-1
           (3,5): -2
                                (3,7):-1
                                                      (3,9):2
                      (3,6):1
                                            (3,8):1
                      (4,9):0
                                                      (5,9):2
(4,7):0
           (4,8):1
                                (5,7):-2
                                            (5,8):0
(6,7):-2
                     (6,9): -2
           (6,8):0
```

82. Inequality 82 with incidence 40 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5): -1
                      (1,6):1
                                 (1,7):0
                                            (1,8):-1
                                                       (1,9):0
(2,4):-2
           (2,5):1
                      (2,6):1
                                 (2,7):1
                                            (2,8):2
                                                       (2,9):1
(3,4):1
           (3,5):1
                      (3,6):1
                                 (3,7):-1
                                            (3,8):1
                                                       (3,9):-1
                      (4,9):2
(4,7):1
           (4,8):1
                                 (5,7):0
                                            (5,8):-2
                                                       (5,9):1
(6,7):1
           (6,8): -1
                      (6,9): -1
```

83. Inequality 83 with incidence 40 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,7):1
(1,4):-2
           (1,5):0
                      (1,6):-1
                                           (1,8):1
                                                      (1,9):1
                      (2,6):2
(2,4):-1
           (2,5):2
                                 (2,7):2
                                           (2,8):2
                                                      (2,9): -3
(3,4):-1
                                (3,7):-3
                                                      (3,9):2
           (3,5): -2
                      (3,6):2
                                           (3,8):2
                                                      (5,9):2
(4,7):3
           (4,8):2
                      (4,9):3
                                (5,7): -2
                                           (5,8):0
(6,7):1
           (6,8):-1
                      (6,9):1
```

84. Inequality 84 with incidence 40 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):3
                      (1,6):2
                                  (1,7):1
                                            (1,8):-1
                                                        (1,9): -2
           (2,5):3
                                  (2,7):3
                      (2,6): -2
                                             (2,8):3
                                                        (2,9):0
(2,4):-1
(3,4):-1
           (3,5): -1
                      (3,6):4
                                 (3,7): -3
                                             (3,8):3
                                                        (3,9): -2
(4,7):0
           (4,8):1
                      (4,9):0
                                 (5,7): -3
                                             (5,8):0
                                                        (5,9):2
                      (6,9):2
(6,7):2
           (6,8):0
```

85. Inequality 85 with incidence 40 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):1
                                 (1,7):1
(1,4):-2
           (1,5):0
                                           (1,8):1
                                                      (1,9):1
(2,4):-1
                                 (2,7):2
                                           (2,8):2
                                                     (2,9):-1
           (2,5):1
                     (2,6): -1
(3,4):1
           (3,5):-1
                      (3,6):1
                                (3,7):-3
                                           (3,8):2
                                                      (3,9):0
(4,7):2
           (4,8):1
                      (4,9):1
                                (5,7):-1
                                           (5,8):0
                                                      (5,9):1
           (6,8):0
                      (6,9):0
(6,7):1
```

86. Inequality 86 with incidence 40 and stabilizer of size 4. Orbit size is 82944 nature: unknown

```
(1,4):2
           (1,5):0
                                 (1,7):2
                                            (1,8): -2
                                                       (1,9):2
                      (1,6):4
(2,4):-3
                                                       (2,9):0
           (2,5):3
                      (2,6):1
                                 (2,7):3
                                            (2,8):2
(3,4):-3
           (3,5): -3
                      (3,6):1
                                 (3,7):0
                                            (3,8):2
                                                       (3,9):3
(4,7):1
           (4,8):4
                      (4,9):1
                                 (5,7):-3
                                            (5,8):0
                                                       (5,9):3
(6,7): -3
           (6,8):2
                      (6,9): -3
```

87. Inequality 87 with incidence 40 and stabilizer of size 4. Orbit size is 82944 nature: unknown

```
(1,4):2
           (1,5):0
                      (1,6):2
                                 (1,7):0
                                                      (1,9):1
                                            (1,8):1
(2,4):-2
           (2,5):0
                      (2,6):1
                                 (2,7):1
                                            (2,8):1
                                                      (2,9):1
(3,4):-2
           (3,5):0
                      (3,6):1
                                 (3,7):-1
                                            (3,8):1
                                                      (3,9):1
(4,7):0
           (4,8):1
                      (4,9):1
                                 (5,7):0
                                           (5,8):-1
                                                      (5,9):1
                     (6,9): -1
(6,7):0
           (6,8):-1
```

88. Inequality 88 with incidence 40 and stabilizer of size 4. Orbit size is 82944 nature: unknown

```
(1,4):1
           (1,5):1
                      (1,6):1
                                 (1,7):1
                                           (1,8): -1
                                                      (1,9):-1
(2,4):-1
           (2,5):0
                      (2,6):1
                                (2,7):0
                                           (2,8):1
                                                      (2,9):-1
                                (3,7):1
(3,4):-1
           (3,5):-1
                      (3,6):-1
                                           (3,8):1
                                                      (3,9):1
           (4,8):2
                                           (5,8):2
                                                      (5,9):2
(4,7):0
                      (4,9):-1
                                (5,7):0
           (6,8):-1
                      (6,9):2
(6,7):0
```

89. Inequality 89 with incidence 40 and stabilizer of size 4. Orbit size is 82944 nature: unknown

```
(1,4): -1
                                                     (1,9):0
          (1,5): -1
                     (1,6): -1
                                 (1,7):1
                                           (1,8):2
(2,4):-1
           (2,5):1
                                 (2,7):2
                                           (2,8):1
                                                     (2,9):0
                      (2,6):1
(3,4):0
           (3,5):1
                      (3,6):1
                                (3,7):-2
                                           (3.8):2
                                                     (3,9):0
(4,7):1
           (4,8):1
                      (4,9):0
                                 (5,7):0
                                           (5,8):0
                                                     (5,9):1
           (6,8):0
                     (6,9):-1
(6,7):0
```

90. Inequality 90 with incidence 40 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,6):1
                                (1,7):1
                                                      (1,9):0
(1,4):1
           (1,5):1
                                           (1,8):0
                                                      (2,9):1
(2,4):-3
           (2,5):2
                     (2,6):1
                                (2,7):3
                                           (2,8):2
(3,4):-1
                                (3,7):-1
                                           (3,8):1
                                                      (3,9):1
           (3,5):0
                     (3,6):0
                     (4,9):2
                                                      (5,9):1
(4,7):1
          (4,8):2
                                (5,7):-2
                                          (5,8): -2
           (6,8):1
(6,7): -2
                     (6,9): -1
```

91. Inequality 91 with incidence 40 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):0
           (1,5):1
                      (1,6):1
                                 (1,7):1
                                           (1,8):0
                                                     (1,9):-1
(2,4):-2
           (2,5):1
                     (2,6): -1
                                 (2,7):3
                                           (2,8):2
                                                      (2,9):1
(3,4):2
           (3,5):-1
                      (3,6):1
                                (3,7):-3
                                           (3,8):2
                                                     (3,9):-1
(4,7):2
           (4,8):0
                      (4,9):2
                                (5,7):-2
                                           (5,8):0
                                                      (5,9):1
(6,7):1
           (6,8):0
                      (6,9):0
```

92. Inequality 92 with incidence 40 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):1
(1,4):0
           (1,5): -1
                      (1,6): -1
                                            (1,8):-1
                                                       (1,9):2
                                            (2,8):3
                                                       (2,9):-1
(2,4):-1
           (2,5):1
                      (2,6): -2
                                 (2,7):2
(3,4):0
                                 (3,7):-2
                                            (3,8):2
           (3,5):0
                      (3,6):2
                                                       (3,9):2
(4,7):1
           (4,8):1
                      (4,9):1
                                 (5,7):0
                                            (5,8):-1
                                                       (5,9):1
(6,7):2
           (6,8):0
                      (6,9): -1
```

93. Inequality 93 with incidence 40 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):1
                      (1,6):1
                                 (1,7):0
                                           (1,8):-1
                                                       (1,9):0
                                            (2,8):0
(2,4):-1
                                 (2,7):1
                                                       (2,9):0
           (2,5):1
                      (2,6):1
(3,4):0
           (3,5): -2
                      (3,6):2
                                (3,7):-2
                                            (3,8):1
                                                      (3,9):1
(4,7):2
           (4,8):1
                      (4,9):1
                                (5,7): -2
                                            (5,8):1
                                                      (5,9):1
(6,7):1
                     (6,9):-1
           (6,8):0
```

94. Inequality 94 with incidence 40 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):1
           (1,5):0
                     (1,6):1
                                (1,7):2
                                           (1,8):1
                                                     (1,9):-1
(2,4):-1
                                (2,7):2
                                          (2,8):1
                                                     (2,9):-1
           (2,5):0
                     (2,6):1
                                                     (3,9):1
(3,4):0
           (3,5):0
                     (3,6):-1
                                (3,7):-2
                                          (3,8):2
(4,7):0
          (4,8):0
                     (4,9):0
                                (5,7):2
                                          (5,8):0
                                                     (5,9):2
(6,7): -2
           (6,8):0
                     (6,9):1
```

95. Inequality 95 with incidence 40 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,5):0
                                 (1,7):2
                                                       (1,9):1
(1,4):-1
                      (1,6):1
                                            (1,8):1
(2,4):-2
           (2,5):0
                      (2,6): -1
                                 (2,7):1
                                            (2,8):1
                                                       (2,9):1
(3,4): -2
           (3,5):0
                      (3,6):2
                                 (3,7):-2
                                            (3,8):3
                                                       (3,9):3
(4,7):1
           (4,8):2
                      (4,9):2
                                 (5,7):0
                                            (5,8): -2
                                                       (5,9):2
(6,7):0
           (6,8):-1
                      (6,9):-1
```

96. Inequality 96 with incidence 40 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):2
                      (1,6):1
                                 (1,7):0
                                            (1,8):2
                                                       (1,9):-1
(2,4):-3
           (2,5):2
                      (2,6):1
                                 (2,7):2
                                            (2,8):3
                                                       (2,9):1
(3,4):0
           (3,5):0
                      (3,6):0
                                 (3,7):-1
                                            (3,8):1
                                                       (3,9):0
(4,7):2
           (4,8):1
                      (4,9):2
                                 (5,7): -2
                                            (5,8): -3
                                                       (5,9):1
(6,7):1
           (6,8): -2
                      (6,9):-1
```

97. Inequality 97 with incidence 40 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):1
           (1,5):1
                     (1,6):2
                                (1,7):1
                                           (1,8): -1
                                                      (1,9): -2
           (2,5):0
                                (2,7):1
(2,4):-1
                     (2,6):1
                                           (2,8):0
                                                      (2,9):1
(3,4):0
           (3,5):-1
                                (3,7):0
                                                      (3,9):-1
                     (3,6):1
                                           (3,8):1
(4,7):1
           (4,8):1
                                                      (5,9):1
                     (4,9):2
                                (5,7):-1
                                           (5,8):0
(6,7):-2
           (6,8):1
                     (6,9):1
```

98. Inequality 98 with incidence 40 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):1
                     (1,6):1
                                (1,7):0
                                           (1,8):1
                                                     (1,9):0
(1,4):1
(2,4):-2
           (2,5):2
                     (2,6):1
                                (2,7):1
                                           (2,8):2
                                                     (2,9):0
                                (3,7):-1
                                                     (3,9):0
(3,4):0
          (3,5):-1
                     (3,6):1
                                           (3,8):1
(4,7):1
          (4,8):1
                     (4,9):1
                                (5,7): -2
                                          (5,8): -1
                                                     (5,9):1
          (6,8): -2
                     (6,9):0
(6,7):1
```

99. Inequality 99 with incidence 40 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):0
                      (1,6):1
                                 (1,7):1
(1,4):1
                                           (1,8): -1
                                                      (1,9):2
(2,4):-1
           (2,5):2
                                                      (2,9):-1
                      (2,6):1
                                 (2,7):2
                                            (2,8):1
                      (3,6):1
(3,4):0
           (3,5): -2
                                (3,7):-2
                                            (3,8):1
                                                      (3,9):2
(4,7):1
           (4,8):1
                      (4,9):0
                                (5,7):-2
                                            (5,8):0
                                                       (5,9):2
(6,7):0
           (6,8):0
                      (6,9): -1
```

100. Inequality 100 with incidence 40 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):-1
           (1,5):0
                      (1,6):1
                                 (1,7):1
                                            (1,8):1
                                                      (1,9):0
(2,4):-1
           (2,5):1
                      (2,6):0
                                 (2,7):1
                                            (2,8):1
                                                      (2,9):0
(3,4):0
           (3,5):1
                      (3,6):1
                                (3,7):-1
                                            (3,8):1
                                                      (3,9):0
(4,7):1
           (4,8):1
                      (4,9):0
                                 (5,7):0
                                           (5,8):-1
                                                      (5,9):1
(6,7):0
           (6,8):-1
                     (6,9):-1
```

101. Inequality 101 with incidence 40 and stabilizer of size 8. Orbit size is 41472 nature: unknown

```
(1,7):-1
                                                     (1,9):1
(1,4):1
          (1,5):1
                     (1,6):1
                                          (1,8):-1
          (2,5):0
(2,4):-1
                     (2,6):1
                                (2,7):0
                                           (2,8):0
                                                     (2,9):0
          (3,5):0
                               (3,7):-1
                                                     (3,9):0
(3,4):0
                     (3,6):0
                                           (3,8):1
                                                     (5,9):3
(4,7):1
          (4,8):1
                     (4,9): -2
                                (5,7):2
                                           (5,8):2
(6,7):1
          (6,8):1
                     (6,9): -2
```

102. Inequality 102 with incidence 40 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):1
                     (1,6):1
                                (1,7):0
                                           (1,8):0
                                                     (1,9):-1
(2,4):-3
           (2,5):3
                     (2,6):1
                                (2,7):2
                                           (2,8):3
                                                      (2,9):0
(3,4):0
          (3,5): -2
                     (3,6):2
                                (3,7): -2
                                           (3,8):2
                                                      (3,9):0
(4,7):2
           (4,8):3
                     (4,9):3
                                (5,7):-4
                                          (5,8):-1
                                                      (5,9):3
(6,7):2
          (6,8): -3
                     (6,9):1
```

103. Inequality 103 with incidence 40 and stabilizer of size 4. Orbit size is 82944 nature: unknown

```
(1,4):0
          (1,5):0
                    (1,6):0
                               (1,7):1
                                         (1,8):0
                                                    (1,9):-1
(2,4):1
          (2,5):0
                               (2,7):0
                                         (2,8):0
                                                    (2,9):0
                    (2,6): -1
(3,4):0
          (3,5):0
                    (3,6):0
                               (3,7):1
                                         (3,8):-1
                                                    (3,9):0
                    (4,9):1
(4,7):1
          (4,8):1
                               (5,7):0
                                         (5,8):1
                                                    (5,9):-1
(6,7):1
          (6,8):1
                    (6,9):1
```

104. Inequality 104 with incidence 39 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):-1
           (1,5):2
                      (1,6):2
                                            (1,8):-1
                                                       (1,9):-1
(1,4):1
           (2,5): -1
                                            (2,8):2
                                                       (2,9):-1
(2,4):-1
                      (2,6):2
                                 (2,7):1
(3,4):0
           (3,5): -1
                      (3,6):1
                                 (3,7):-1
                                            (3,8):2
                                                       (3,9):1
(4,7):0
           (4,8):1
                      (4,9):-1
                                 (5,7):1
                                            (5,8):2
                                                       (5,9):1
(6,7):0
           (6,8): -2
                      (6,9):1
```

105. Inequality 105 with incidence 39 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):1
          (1,5): -2
                                (1,7):1
                                            (1,8):2
                                                      (1,9):-1
                     (1,6): -1
(2,4):1
          (2,5):1
                     (2,6): -1
                                (2,7): -1
                                           (2,8):0
                                                      (2,9):0
(3,4):1
          (3,5):1
                     (3,6):1
                                (3,7):1
                                           (3,8): -2
                                                      (3,9):0
(4,7):0
                                                      (5,9):-1
          (4,8):0
                     (4,9):1
                                (5,7):1
                                           (5,8):2
(6,7):0
          (6,8):2
                     (6,9):1
```

106. Inequality 106 with incidence 39 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5): -1
                      (1,6):1
                                 (1,7): -2
                                            (1,8): -1
                                                       (1,9):2
(2,4):-3
           (2,5):0
                      (2,6):3
                                 (2,7):0
                                            (2,8):3
                                                       (2,9):3
(3,4):0
           (3,5):1
                      (3,6):2
                                 (3,7):-2
                                                       (3,9): -2
                                            (3,8):3
                      (4,9):2
(4,7):3
           (4,8):3
                                 (5,7):0
                                            (5,8):-1
                                                       (5,9):1
(6,7):3
           (6,8): -3
                      (6,9): -2
```

107. Inequality 107 with incidence 39 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6): -1
                                                       (1,9): -2
           (1,5):2
                                 (1,7):1
                                            (1,8):1
(1,4):1
(2,4):-1
           (2,5):1
                      (2,6):1
                                 (2,7):1
                                            (2,8):1
                                                       (2,9):1
                                 (3,7):-1
(3,4):0
           (3,5):1
                      (3,6):1
                                            (3,8):1
                                                       (3,9):0
(4,7):2
           (4,8):0
                      (4,9):2
                                 (5,7):-1
                                           (5,8): -2
                                                       (5,9):1
(6,7):2
           (6,8):-1
                      (6,9): -2
```

108. Inequality 108 with incidence 39 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):1
                      (1,6):2
                                (1,7):1
                                           (1,8):0
                                                      (1,9):0
(2,4):-2
                                (2,7):1
                                           (2,8):1
                                                      (2,9):1
           (2,5):0
                      (2,6):1
(3,4):-1
                     (3,6):1
           (3,5):0
                                (3,7):-1
                                           (3,8):1
                                                      (3,9):0
(4,7):0
           (4,8):2
                     (4,9):1
                                                      (5,9):1
                                (5,7):-1
                                           (5,8):-1
(6,7):0
                     (6,9):-1
           (6,8):-1
```

109. Inequality 109 with incidence 39 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                     (1,6): -1
                                (1,7):1
                                           (1,8):1
                                                      (1,9): -2
                                                      (2,9):1
(2,4):-1
           (2,5):1
                     (2,6):1
                                (2,7):2
                                           (2,8):2
(3,4):0
           (3,5):1
                     (3,6):1
                                (3,7): -2
                                           (3,8):2
                                                      (3,9):0
(4,7):0
                                (5,7):-1
           (4,8):1
                     (4,9):1
                                           (5,8): -2
                                                      (5,9):1
(6,7):0
           (6,8):0
                     (6,9):-1
```

110. Inequality 110 with incidence 39 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):-1
                                                     (1,9):1
(1,4):1
          (1,5):-1
                     (1,6):2
                                           (1,8):0
                     (2,6):2
                                (2,7):2
(2,4): -2
           (2,5):1
                                          (2,8):1
                                                     (2,9):0
                                (3,7):-1
                                                     (3,9):-1
(3,4):0
           (3,5):0
                     (3,6):1
                                          (3,8):1
(4,7):1
           (4,8):1
                     (4,9):1
                                (5,7):-1
                                          (5,8):0
                                                     (5,9):1
(6,7):0
          (6,8): -1
                     (6,9):0
```

111. Inequality 111 with incidence 39 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6): -\overline{1}
(1,4):-1
            (1,5):1
                                   (1,7):1
                                              (1,8):1
                                                          (1,9):1
                       (2,6):1
(2,4):0
            (2,5):2
                                   (2,7):2
                                              (2,8):2
                                                          (2,9):-1
(3,4):-1
            (3,5):1
                       (3,6):1
                                   (3,7): -2
                                              (3,8):3
                                                          (3,9):0
(4,7):0
            (4,8):1
                       (4,9):1
                                   (5,7):-1
                                              (5,8): -2
                                                          (5,9):1
(6,7):0
           (6,8): -1
                       (6,9):0
```

112. Inequality 112 with incidence 39 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):1
                      (1,6):1
                                (1,7):1
                                           (1,8): -1
                                                      (1,9): -2
(2,4):-2
                                (2,7):1
                                           (2,8):2
                                                      (2,9):1
           (2,5):1
                      (2,6):1
(3,4):0
           (3,5):0
                      (3,6):1
                                (3,7):-1
                                           (3,8):2
                                                      (3,9): -2
(4,7):0
           (4,8):2
                      (4,9):2
                                (5,7):-1
                                           (5,8):0
                                                      (5,9):1
           (6,8):-1
                      (6,9):0
(6,7):0
```

113. Inequality 113 with incidence 39 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):1
                      (1,6): -2
                                 (1,7):1
                                            (1,8):1
                                                      (1,9):0
(2,4):-1
                                 (2,7):1
                                                      (2,9):0
           (2,5):-1
                      (2,6):0
                                            (2,8):1
(3,4):-1
           (3,5):2
                      (3,6): -2
                                (3,7):-1
                                            (3,8):2
                                                      (3,9):0
(4,7):0
           (4,8):1
                      (4,9):0
                                 (5,7):1
                                           (5,8):-1
                                                      (5,9):2
(6,7):0
           (6,8):2
                      (6,9):2
```

114. Inequality 114 with incidence 39 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):1
                     (1,6):1
                                (1,7):1
                                           (1,8):2
                                                      (1,9): -2
(2,4):-2
           (2,5):0
                     (2,6): -1
                                (2,7):3
                                           (2,8):2
                                                      (2,9):2
(3,4):-1
           (3,5):1
                     (3,6): -1
                                (3,7): -3
                                           (3,8):3
                                                      (3,9):1
(4,7):1
           (4,8):2
                     (4,9):1
                                (5,7):0
                                           (5,8):-1
                                                      (5,9):1
(6,7):0
           (6,8):0
                     (6,9):1
```

115. Inequality 115 with incidence 39 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):1
           (1,5): -1
                      (1,6):1
                                (1,7):-1
                                            (1,8):0
                                                      (1,9):0
(2,4):-2
           (2,5):1
                      (2,6):1
                                 (2,7):2
                                            (2,8):1
                                                      (2,9):1
(3,4):-1
           (3,5):1
                                (3,7):-1
                                           (3,8):1
                                                      (3,9):1
                      (3,6):1
                      (4,9):2
                                                      (5,9):1
(4,7):1
           (4,8):1
                                (5,7):-1
                                           (5,8):-1
(6,7):0
           (6,8):0
                     (6,9):-1
```

116. Inequality 116 with incidence 39 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6): -1
(1,4):-1
           (1,5):1
                                 (1,7):1
                                                      (1,9):1
                                            (1,8):1
(2,4):-1
           (2,5):1
                      (2,6):1
                                 (2,7):0
                                            (2,8):1
                                                      (2,9):0
                                (3,7):-1
                                                      (3,9):0
(3,4):0
           (3,5): -1
                      (3,6):1
                                            (3,8):1
(4,7):1
           (4,8):1
                      (4,9):2
                                (5,7):-2
                                           (5,8):-1
                                                      (5,9):2
(6,7):1
           (6,8):-1
                      (6,9):1
```

117. Inequality 117 with incidence 39 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,9):0
(1,4): -2
           (1,5):1
                     (1,6):1
                                (1,7):1
                                          (1,8):1
(2,4):0
           (2,5):1
                                (2,7):0
                                                    (2,9):0
                     (2,6):1
                                          (2,8):0
(3,4):1
          (3,5): -2
                     (3,6):2
                               (3,7):-2
                                          (3,8):1
                                                    (3,9):0
(4,7):2
           (4,8):1
                     (4,9):2
                                          (5,8):0
                                                    (5,9):2
                               (5,7):-2
(6,7):1
          (6,8): -1
                     (6,9):0
```

118. Inequality 118 with incidence 39 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):0
                     (1,6):1
                                (1,7):0
                                          (1,8):0
                                                     (1,9):0
                                                     (2,9):0
(2,4):-2
          (2,5):2
                     (2,6):1
                               (2,7):1
                                          (2,8):2
(3,4):0
          (3,5):-1
                     (3,6):1
                               (3,7):-1
                                          (3,8):1
                                                     (3,9):0
(4,7):1
                               (5,7):-2
                                                     (5,9):2
          (4,8):2
                     (4,9):2
                                          (5,8):-1
(6,7):1
          (6,8): -2
                     (6,9):0
```

119. Inequality 119 with incidence 39 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,7):2
(1,4):0
           (1,5):2
                      (1,6):0
                                            (1,8):2
                                                       (1,9): -2
(2,4):-2
           (2,5):0
                      (2,6): -1
                                 (2,7):1
                                            (2,8):1
                                                       (2,9):1
(3,4):-1
                                 (3,7):-3
           (3,5):0
                      (3,6):2
                                            (3,8):4
                                                       (3,9):2
(4,7):3
           (4,8):2
                      (4,9):4
                                 (5,7):-2
                                            (5,8): -2
                                                       (5,9):2
(6,7):1
           (6,8): -1
                      (6,9): -1
```

120. Inequality 120 with incidence 39 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):0
                      (1,6): -1
                                 (1,7):1
                                            (1,8):0
                                                        (1,9):1
           (2,5):1
                      (2,6):1
(2,4): -2
                                 (2,7):1
                                            (2,8):2
                                                       (2,9):1
(3,4):0
           (3,5):0
                      (3,6):1
                                 (3,7):-1
                                            (3,8):1
                                                       (3,9):-1
(4,7):2
           (4,8):2
                      (4,9):3
                                 (5,7): -3
                                            (5,8):-1
                                                       (5,9):3
(6,7):2
           (6,8): -2
                      (6,9):1
```

121. Inequality 121 with incidence 39 and stabilizer of size 18. Orbit size is 18432 nature: unknown

```
(1,6): -1
(1,4):1
           (1,5):0
                                (1,7):-1
                                           (1,8):0
                                                      (1,9):1
(2,4):-1
          (2,5):1
                     (2,6):0
                                (2,7):1
                                           (2,8):1
                                                      (2,9):0
(3,4):0
          (3,5):1
                     (3,6):1
                                (3,7):0
                                           (3,8):1
                                                     (3,9):-1
(4,7):1
          (4,8):1
                     (4,9):0
                                (5,7):0
                                          (5,8):-1
                                                      (5,9):1
          (6,8):0
(6,7):-1
                     (6,9):1
```

122. Inequality 122 with incidence 38 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):2
                                (1,7):1
                                           (1,8):0
                                                     (1,9): -3
(1,4):2
                     (1,6):2
                                (2,7):2
                                           (2,8):2
                                                     (2,9):1
(2,4):-3
           (2,5):1
                     (2,6):1
(3,4):0
           (3,5): -2
                     (3,6):3
                                (3,7):-2
                                          (3,8):2
                                                     (3,9):-1
           (4,8):2
(4,7):1
                     (4,9):2
                                (5,7): -2
                                           (5,8):0
                                                     (5,9):1
(6,7):0
           (6,8): -2
                     (6,9):2
```

123. Inequality 123 with incidence 38 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):1
                                (1,7):0
                                           (1,8):1
                                                     (1,9): -2
                     (1,6):1
(2,4):-1
           (2,5):1
                     (2,6):1
                                (2,7):1
                                           (2,8):0
                                                     (2,9):0
(3,4):-1
           (3,5): -3
                     (3,6):2
                                (3,7):-2
                                           (3,8):2
                                                     (3,9):2
(4,7):2
           (4,8):1
                     (4,9):2
                                (5,7): -2
                                           (5,8):1
                                                     (5,9):2
(6,7):1
           (6,8): -1
                     (6,9):0
```

124. Inequality 124 with incidence 38 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):-1
           (1,5):1
                      (1,6):2
                                 (1,7):0
                                           (1,8):2
                                                      (1,9): -2
(2,4):-1
                                           (2,8):0
                                                      (2,9):0
           (2,5):1
                      (2,6): -1
                                 (2,7):1
(3,4):-2
                                 (3,7):0
                                                      (3,9):2
           (3,5):-1
                      (3,6):1
                                           (3,8):2
           (4,8):2
                                                      (5,9):2
(4,7):1
                      (4,9):1
                                 (5,7):-1
                                           (5,8):0
(6,7):1
           (6,8): -2
                      (6,9):1
```

125. Inequality 125 with incidence 38 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):1
                                                      (1,9):1
                      (1,6):1
                                (1,7):-1
                                           (1,8):1
(2,4):-2
           (2,5):0
                     (2,6): -1
                                 (2,7):2
                                           (2,8):2
                                                      (2,9):1
                                           (3,8):2
(3,4):1
           (3,5):-1
                      (3,6):1
                                (3,7):-2
                                                     (3,9):-1
(4,7):1
           (4,8):1
                      (4,9):2
                                 (5,7):0
                                           (5,8):0
                                                      (5,9):0
(6,7):2
           (6,8):0
                     (6,9):-1
```

126. Inequality 126 with incidence 38 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,6):2
(1,4): -1
           (1,5): -2
                                 (1,7):-1
                                            (1,8): -1
                                                       (1,9):3
(2,4):-2
                                                       (2,9):2
           (2,5):0
                      (2,6): -1
                                 (2,7):1
                                            (2,8):2
           (3,5):2
(3,4):-1
                                 (3,7):-1
                                            (3,8):3
                                                       (3,9):-1
                      (3,6):2
(4,7):0
           (4,8):2
                      (4,9):2
                                            (5,8):-2
                                                       (5,9):2
                                 (5,7):0
                      (6,9):0
(6,7):1
           (6,8):0
```

127. Inequality 127 with incidence 38 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5): -1
                      (1,6):2
                                 (1,7):1
                                            (1,8):0
                                                       (1,9):-1
(2,4):-1
           (2,5):2
                      (2,6):2
                                 (2,7):-1
                                            (2,8):2
                                                       (2,9):0
(3,4):0
           (3,5):1
                      (3,6): -1
                                 (3,7):1
                                            (3,8):1
                                                       (3,9):2
(4,7):0
           (4,8):1
                      (4,9):-1
                                 (5,7):1
                                            (5,8):-1
                                                       (5,9): -2
(6,7):0
           (6,8): -1
                      (6,9):2
```

128. Inequality 128 with incidence 38 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):1
                                                       (1,9):-1
(1,4):1
           (1,5):2
                      (1,6):0
                                            (1,8):1
(2,4):-3
           (2,5):1
                      (2,6): -2
                                 (2,7):3
                                            (2,8):1
                                                       (2,9):2
(3,4):-1
                                 (3,7):-1
           (3,5):0
                      (3,6):1
                                            (3,8):2
                                                       (3,9):1
(4,7):1
           (4,8):2
                      (4,9):2
                                 (5,7):-2
                                            (5,8): -2
                                                       (5,9):1
(6,7):2
           (6,8): -2
                      (6,9):1
```

129. Inequality 129 with incidence 38 and stabilizer of size 4. Orbit size is 82944 nature: unknown

```
(1,4):-1
          (1,5):-1
                     (1,6):2
                               (1,7):-1
                                           (1,8):1
                                                     (1,9):0
                                (2,7):3
(2,4):-3
                                           (2,8):3
                                                     (2,9):0
           (2,5):3
                     (2,6):0
(3,4):-1
          (3,5): -1
                     (3,6):0
                               (3,7):-1
                                           (3,8):1
                                                     (3,9):2
(4,7):1
          (4,8):2
                     (4,9):2
                               (5,7):-2
                                          (5,8):-1
                                                     (5,9):2
(6,7):2
                     (6,9):2
          (6,8): -2
```

130. Inequality 130 with incidence 38 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,6):1
(1,4):-1
           (1,5): -1
                                (1,7):1
                                           (1,8):1
                                                     (1,9):1
(2,4):-1
                                (2,7):1
                                           (2,8):1
                                                     (2,9):1
           (2,5):1
                      (2,6):1
(3,4):2
           (3,5):0
                      (3,6):1
                                (3,7): -2
                                           (3,8):1
                                                     (3,9): -2
(4,7):2
           (4,8):0
                      (4,9):2
                                (5,7): -2
                                           (5,8):0
                                                     (5,9):2
           (6,8):-1
(6,7):0
                      (6,9):0
```

131. Inequality 131 with incidence 38 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5): -1
                      (1,6):1
                                 (1,7):0
                                            (1,8):-1
                                                       (1,9):2
(1,4):-1
                                            (2,8):2
                                                       (2,9):2
(2,4):-2
           (2,5):0
                      (2,6):1
                                 (2,7):1
(3,4):1
           (3,5):1
                      (3,6):1
                                 (3,7):-1
                                            (3,8):1
                                                       (3,9):-1
(4,7):2
           (4,8):0
                      (4,9):2
                                 (5,7):-1
                                            (5,8):-1
                                                       (5,9):2
(6,7):1
           (6,8): -1
                      (6,9): -1
```

132. Inequality 132 with incidence 38 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-2
           (1,5):0
                                 (1,7):1
                                           (1,8):1
                                                      (1,9):1
                     (1,6):-1
(2,4):-1
           (2,5):1
                      (2,6):2
                                 (2,7):2
                                           (2,8):2
                                                     (2,9):-2
(3,4):-1
           (3,5):-1
                      (3,6):1
                                (3,7):-2
                                           (3,8):2
                                                     (3,9):1
(4,7):2
           (4,8):2
                      (4,9):2
                                (5,7):-1
                                           (5,8):0
                                                     (5,9):1
(6,7):0
           (6,8):-1
                      (6,9):1
```

133. Inequality 133 with incidence 38 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):0
          (1,5):1
                     (1,6):1
                               (1,7):1
                                          (1,8):1
                                                    (1,9): -2
(2,4):0
          (2,5):1
                               (2,7):1
                                          (2,8):1
                     (2,6):1
                                                    (2,9):0
(3,4):0
          (3,5): -2
                               (3,7):-2
                                          (3,8):1
                                                    (3,9):2
                     (3,6):1
(4,7):2
          (4,8):0
                     (4,9):2
                               (5,7): -2
                                          (5,8):0
                                                    (5,9):2
(6,7):0
          (6,8):-1
                     (6,9):0
```

134. Inequality 134 with incidence 38 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,5):1
                                (1,7):0
                                                     (1,9): -2
(1,4):1
                     (1,6):1
                                           (1,8):1
(2,4):-1
           (2,5):1
                     (2,6):1
                                (2,7):2
                                          (2,8):1
                                                     (2,9):0
                                (3,7):-2
(3,4):0
                                                     (3,9):2
          (3,5): -2
                     (3,6):1
                                          (3,8):1
(4,7):2
                                                     (5,9):2
           (4,8):0
                     (4,9):2
                                (5,7): -2
                                          (5,8):0
(6,7):0
          (6,8):-1
                     (6,9):0
```

135. Inequality 135 with incidence 38 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):1
(1,4):0
           (1,5):2
                      (1,6): -1
                                            (1,8):1
                                                      (1,9):-1
(2,4):1
           (2,5):1
                                                       (2,9):0
                      (2,6):2
                                 (2,7):1
                                            (2,8):1
           (3,5):1
(3,4):-1
                                 (3,7):-1
                                            (3,8):2
                                                       (3,9):0
                      (3,6):1
(4,7):0
           (4,8):1
                      (4,9):1
                                 (5,7):-1
                                           (5,8):-2
                                                       (5,9):1
(6,7):0
           (6,8):-1
                      (6,9): -1
```

136. Inequality 136 with incidence 38 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):0
          (1,5):0
                     (1,6):1
                                (1,7):1
                                           (1,8):1
                                                     (1,9):1
                                                     (2,9):1
(2,4):-2
          (2,5):0
                     (2,6):1
                                (2,7):1
                                          (2,8):1
(3,4): -2
          (3,5):0
                    (3,6):-1
                               (3,7):-1
                                          (3,8):2
                                                     (3,9):2
(4,7):0
          (4,8):2
                                                     (5,9):2
                     (4,9):2
                                (5,7):0
                                          (5,8):-2
(6,7):-1
          (6,8):0
                     (6,9):0
```

137. Inequality 137 with incidence 38 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):-1
                                                     (1,9):-1
(1,4):1
           (1,5):1
                     (1,6):1
                                           (1,8):1
(2,4):-2
          (2,5):1
                     (2,6): -1
                                (2,7):2
                                           (2,8):2
                                                      (2,9):0
(3,4):-1
          (3,5):0
                                (3,7):-1
                     (3,6):0
                                           (3,8):1
                                                      (3,9):1
(4,7):1
          (4,8):1
                     (4,9):2
                                (5,7):0
                                          (5,8):-1
                                                      (5,9):1
(6,7):1
           (6,8):0
                     (6,9):-1
```

138. Inequality 138 with incidence 38 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):1
                     (1,6):1
                                (1,7):0
                                           (1,8):-1
                                                     (1,9):0
(2,4): -2
                                (2,7):1
                                                     (2,9):0
           (2,5):1
                     (2,6):1
                                           (2,8):1
(3,4):0
          (3,5): -2
                     (3,6):2
                                (3,7):-2
                                           (3,8):2
                                                     (3,9):0
(4,7):2
          (4,8):2
                     (4,9):1
                                (5,7):-2
                                           (5,8):1
                                                     (5,9):1
(6,7):1
          (6,8): -1
                     (6,9):0
```

139. Inequality 139 with incidence 38 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):1
                     (1,6):2
                                (1,7):1
                                           (1,8):-1
                                                      (1,9):0
(2,4):-2
           (2,5):2
                                (2,7):2
                                           (2,8):3
                                                      (2,9):-1
                     (2,6): -2
(3,4):0
           (3,5):0
                     (3,6):0
                                (3,7):-1
                                           (3,8):1
                                                      (3,9):0
(4,7):1
           (4,8):2
                     (4,9):2
                                (5,7):-1
                                           (5,8):-1
                                                      (5,9):1
(6,7):0
           (6,8):2
                     (6,9): -2
```

140. Inequality 140 with incidence 38 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,5):1
                                (1,7):1
                                           (1,8):0
                                                     (1,9): -2
(1,4):1
                     (1,6):1
                     (2,6):2
                                (2,7):0
                                           (2,8):2
                                                     (2,9):2
(2,4):-2
           (2,5):0
(3,4):0
          (3,5):-1
                     (3,6):2
                                (3,7): -2
                                          (3,8):2
                                                     (3,9):-1
           (4,8):2
(4,7):1
                     (4,9):2
                                (5,7):-1
                                           (5,8):0
                                                     (5,9):1
(6,7):1
           (6,8): -2
                     (6,9):0
```

141. Inequality 141 with incidence 38 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):1
          (1,5):0
                               (1,7):1
                                          (1,8):-1
                                                     (1,9):-1
                     (1,6):2
(2,4):-2
          (2,5):0
                     (2,6):1
                               (2,7):2
                                          (2,8):1
                                                     (2,9):-2
(3,4):0
          (3,5):0
                     (3,6):1
                               (3,7):-1
                                          (3,8):1
                                                     (3,9):1
                                                     (5,9):2
(4,7):1
          (4,8):1
                    (4,9):-1
                               (5,7):2
                                          (5,8):0
                     (6,9):1
(6,7):-1
          (6,8):0
```

142. Inequality 142 with incidence 38 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-2
           (1,5):0
                      (1,6):0
                                 (1,7):2
                                           (1,8): -2
                                                      (1,9):2
(2,4):-4
           (2,5):2
                                 (2,7):3
                     (2,6): -1
                                            (2,8):3
                                                      (2,9):1
(3,4):-1
                                (3,7):-1
                                           (3,8):2
           (3,5):0
                      (3,6):2
                                                      (3,9):2
                                           (5,8):-2
                                                      (5,9):2
(4,7):3
           (4,8):2
                      (4,9):4
                                (5,7):-2
(6,7):1
           (6,8):-1
                     (6,9):-1
```

143. Inequality 143 with incidence 38 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):1
(1,4):2
                     (1,6): -1
                                                      (1,9):0
                                (1,7):-1
                                           (1,8):-1
(2,4):-2
           (2,5):2
                      (2,6):0
                                 (2,7):2
                                            (2,8):2
                                                      (2,9):0
           (3,5):2
                                                      (3,9):0
(3,4):0
                      (3,6):2
                                (3,7):-2
                                           (3,8):2
(4,7):2
           (4,8):2
                      (4,9):0
                                 (5,7):0
                                           (5,8): -2
                                                      (5,9):1
(6,7):1
           (6,8):-1
                     (6,9):-1
```

144. Inequality 144 with incidence 38 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):1
                                          (1,8):0
                                                     (1,9): -2
(1,4):1
           (1,5):1
                     (1,6):1
           (2,5):2
                                          (2,8):2
                                                     (2,9):0
(2,4):-4
                     (2,6):2
                                (2,7):2
(3,4):2
          (3,5): -3
                               (3,7):-4
                                          (3,8):2
                                                     (3,9):-1
                     (3,6):4
(4,7):3
          (4,8):2
                     (4,9):4
                                (5,7):-3
                                          (5,8):0
                                                     (5,9):3
                     (6,9):2
(6,7):1
          (6,8): -2
```

145. Inequality 145 with incidence 38 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):0
                      (1,6):1
                                 (1,7):1
                                            (1,8):-1
                                                      (1,9):-1
(2,4):-2
           (2,5):1
                      (2,6):2
                                 (2,7):2
                                            (2,8):3
                                                       (2,9):2
(3,4):0
           (3,5):0
                      (3,6):0
                                (3,7):-1
                                            (3,8):1
                                                       (3,9):0
(4,7):0
                                 (5,7):-1
           (4,8):2
                      (4,9):2
                                           (5,8):-2
                                                       (5,9):2
(6,7):-1
           (6,8): -1
                      (6,9): -1
```

146. Inequality 146 with incidence 38 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):0
                                 (1,7):1
(1,4):-2
                      (1,6): -1
                                            (1,8):1
                                                       (1,9):1
                                            (2,8):2
(2,4):0
           (2,5):2
                      (2,6):0
                                 (2,7):2
                                                       (2,9): -2
                                 (3,7):-3
                                                       (3,9):0
(3,4):-1
           (3,5):2
                      (3,6):2
                                            (3,8):4
(4,7):1
           (4,8):2
                      (4,9):2
                                 (5,7):0
                                            (5,8): -2
                                                       (5,9):2
(6,7):1
           (6,8): -1
                      (6,9): -1
```

147. Inequality 147 with incidence 38 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):0
          (1,5): -1
                     (1,6):1
                               (1,7):0
                                          (1,8):1
                                                     (1,9):-1
                               (2,7):-1
(2,4):1
                     (2,6):1
                                          (2,8):-1
                                                     (2,9):-1
          (2,5):1
(3,4):1
          (3,5):0
                     (3,6):0
                               (3,7):1
                                          (3,8):-1
                                                     (3,9):-1
(4,7):0
          (4,8):2
                     (4,9):2
                               (5,7):1
                                          (5,8):2
                                                     (5,9):-1
(6,7):1
          (6,8): -1
                     (6,9):2
```

148. Inequality 148 with incidence 38 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):1
          (1,5): -2
                     (1,6):0
                               (1,7):1
                                          (1,8):1
                                                     (1,9):-1
(2,4):2
          (2,5):2
                    (2,6):0
                               (2,7):-2
                                          (2,8):-2
                                                     (2,9):0
(3,4):0
          (3,5):0
                     (3,6):0
                               (3,7):2
                                          (3,8): -2
                                                     (3,9):0
(4,7):1
          (4,8):1
                     (4,9):1
                               (5,7):3
                                          (5,8):3
                                                     (5,9): -2
(6,7):1
          (6,8):1
                     (6,9):2
```

149. Inequality 149 with incidence 38 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):0
                                 (1,7):1
                                            (1,8):-1
                                                       (1,9):1
                      (1,6):0
(2,4):-3
           (2,5):2
                                 (2,7):3
                      (2,6): -1
                                            (2,8):2
                                                       (2,9):1
(3,4):-1
           (3,5):0
                      (3,6):1
                                 (3,7):-1
                                            (3,8):2
                                                       (3,9):1
(4,7):2
           (4,8):2
                      (4,9):3
                                 (5,7):-2
                                           (5,8): -2
                                                       (5,9):2
(6,7):1
           (6,8):-1
                      (6,9):0
```

150. Inequality 150 with incidence 38 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):1
          (1,5):0
                                (1,7):0
                                          (1,8):0
                                                     (1,9):0
                    (1,6): -1
(2,4):-1
          (2,5):0
                     (2,6):0
                                (2,7):1
                                          (2,8):1
                                                     (2,9):-1
(3,4):0
          (3,5):0
                     (3,6):-1
                                (3,7):-1
                                          (3,8):1
                                                     (3,9):1
                                                     (5,9):1
(4,7):1
          (4,8):1
                     (4,9):0
                                (5,7):1
                                          (5,8):0
(6,7):0
          (6,8):1
                     (6,9):1
```

151. Inequality 151 with incidence 38 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):1
           (1,5):1
                     (1,6):1
                                (1,7):0
                                           (1,8):0
                                                     (1,9):-1
(2,4):-2
           (2,5):2
                                (2,7):2
                                           (2,8):2
                     (2,6):0
                                                      (2,9):0
(3,4):-1
           (3,5):-1
                               (3,7):-2
                                           (3,8):2
                                                      (3,9):0
                     (3,6):2
                                          (5,8):-1
                                                      (5,9):2
(4,7):1
                     (4,9):2
                               (5,7): -3
           (4,8):3
(6,7):2
           (6,8): -2
                     (6,9):1
```

152. Inequality 152 with incidence 38 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):-1
                      (1,6):1
                                (1,7):-1
(1,4):0
                                           (1,8): -1
                                                       (1,9):2
(2,4):-2
           (2,5):2
                      (2,6):0
                                (2,7):2
                                           (2,8):2
                                                      (2,9):0
                                (3,7):-3
(3,4):0
           (3,5):3
                      (3,6):2
                                           (3.8):3
                                                      (3,9):-1
(4,7):2
           (4,8):2
                      (4,9):2
                                 (5,7):0
                                           (5,8): -3
                                                      (5,9):3
(6,7):2
           (6,8):-1
                     (6,9): -2
```

153. Inequality 153 with incidence 38 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):-2
           (1,5): -2
                      (1,6):2
                                 (1,7):0
                                            (1,8):0
                                                      (1,9):2
(2,4):-4
                                 (2,7):3
                                            (2,8):3
                                                      (2,9):0
           (2,5):2
                     (2,6): -2
           (3,5):3
                      (3,6):3
(3,4):0
                                (3,7):-3
                                           (3,8):3
                                                      (3,9):0
(4,7):3
           (4,8):3
                      (4,9):2
                                                      (5,9):2
                                 (5,7):1
                                           (5,8):-4
(6,7):4
                     (6,9): -2
           (6,8):-1
```

154. Inequality 154 with incidence 37 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):2
                      (1,6):2
                                 (1,7):1
                                            (1,8):1
                                                       (1,9): -2
(2,4):-3
           (2,5):0
                      (2,6):2
                                 (2,7):1
                                            (2,8):2
                                                       (2,9):2
(3,4):-1
           (3,5):2
                      (3,6):-1
                                 (3,7):-1
                                            (3,8):2
                                                       (3,9):-1
(4,7):0
           (4,8):2
                      (4,9):2
                                 (5,7):0
                                            (5,8):-2
                                                       (5,9):2
(6,7):-1
           (6,8): -1
                      (6,9): -1
```

155. Inequality 155 with incidence 37 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):1
                               (1,7):-1
                                          (1,8):1
                                                     (1,9):0
(1,4):1
                     (1,6):2
           (2,5):3
                                          (2,8):3
(2,4):-3
                     (2,6):1
                               (2,7):2
                                                     (2,9):0
                               (3,7):-2
                                          (3,8):2
                                                     (3,9):0
(3,4):0
          (3,5): -2
                     (3,6):2
(4,7):2
           (4,8):2
                     (4,9):2
                               (5,7): -3
                                          (5,8):-1
                                                     (5,9):2
(6,7):2
          (6,8): -3
                     (6,9):0
```

156. Inequality 156 with incidence 37 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):-1
                      (1,6):3
                                (1,7):-1
                                           (1,8):0
                                                      (1,9):1
           (2,5):1
(2,4):-3
                      (2,6):3
                                 (2,7):2
                                           (2,8):2
                                                      (2,9):1
(3,4):-1
           (3,5):0
                      (3,6):1
                                (3,7):-1
                                           (3,8):2
                                                     (3,9):-1
(4,7):1
           (4,8):2
                      (4,9):1
                                (5,7):-1
                                           (5,8):0
                                                      (5,9):1
(6,7):0
           (6,8): -2
                     (6,9):-1
```

157. Inequality 157 with incidence 37 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):-1
                     (1,6):2
                                (1,7):-1
                                           (1,8):-1
                                                      (1,9):0
(2,4):-2
           (2,5):1
                     (2,6):3
                                (2,7):3
                                           (2,8):2
                                                     (2,9):-1
(3,4):-1
           (3,5):0
                     (3,6):2
                                (3,7): -2
                                           (3,8):2
                                                     (3,9):-1
(4,7):1
           (4,8):2
                     (4,9):1
                                (5,7):-1
                                           (5,8):0
                                                      (5,9):1
(6,7):0
           (6,8):-1
                     (6,9):2
```

158. Inequality 158 with incidence 37 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5): -2
                     (1,6):2
                                (1,7): -2
                                           (1,8):1
                                                      (1,9):0
(2,4):-2
                                (2,7):1
                                                      (2,9):1
           (2,5):0
                     (2,6):1
                                           (2,8):1
(3,4):0
           (3,5):2
                     (3,6):2
                                (3,7):0
                                           (3,8):2
                                                      (3,9): -2
(4,7):2
           (4,8):2
                     (4,9):3
                                (5,7): -2
                                           (5,8):-1
                                                      (5,9):3
           (6,8): -3
(6,7):1
                     (6,9):1
```

159. Inequality 159 with incidence 37 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
          (1,5):0
                     (1,6):1
                                (1,7):0
                                          (1,8):-1
                                                     (1,9):1
(2,4):-2
          (2,5):0
                    (2,6): -1
                                (2,7):2
                                          (2,8):1
                                                     (2,9):2
(3,4):-1
          (3,5):0
                     (3,6):1
                               (3,7):-1
                                          (3,8):1
                                                     (3,9):0
                                                     (5,9):2
(4,7):1
          (4,8):1
                     (4,9):2
                               (5,7):-2
                                          (5,8):0
                     (6,9):1
(6,7):2
          (6,8):0
```

160. Inequality 160 with incidence 37 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):0
                      (1,6):1
                                 (1,7):1
                                            (1,8): -1
                                                       (1,9): -2
(2,4):2
           (2,5): -2
                                 (2,7):2
                                            (2,8):2
                      (2,6): -1
                                                       (2,9):1
                                 (3,7):-1
(3,4):2
           (3,5):2
                      (3,6):0
                                            (3,8):2
                                                       (3,9): -3
                      (4,9):2
                                 (5,7):2
(4,7):-1
           (4,8): -2
                                            (5,8):0
                                                       (5,9):2
(6,7):-1
           (6,8):1
                      (6,9):2
```

161. Inequality 161 with incidence 37 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):1
          (1,5):1
                                (1,7):0
                                          (1,8):1
                                                     (1,9): -2
(1,4):1
(2,4):2
          (2,5):0
                     (2,6): -2
                                (2,7):2
                                          (2,8):0
                                                     (2,9): -2
                                (3,7):1
                                                     (3,9):1
(3,4):-1
          (3,5):0
                     (3,6):-1
                                          (3,8):2
(4,7):-1
          (4,8):1
                     (4,9):2
                                (5,7):1
                                          (5,8):-1
                                                     (5,9):1
          (6,8):1
                     (6,9):0
(6,7):1
```

162. Inequality 162 with incidence 37 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):1
                                           (1,8):0
                                                      (1,9):-1
(1,4):1
           (1,5):2
                     (1,6):1
(2,4):-1
           (2,5):2
                                (2,7):2
                                           (2,8):2
                                                      (2,9):0
                     (2,6): -1
(3,4):-1
           (3,5):0
                     (3,6):2
                                (3,7): -2
                                           (3,8):2
                                                      (3,9):-1
(4,7):0
           (4,8):1
                     (4,9):0
                                                      (5,9):1
                                (5,7): -2
                                           (5,8):-1
(6,7):1
           (6,8):0
                     (6,9):1
```

163. Inequality 163 with incidence 37 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4): -2
          (1,5):-1
                     (1,6):1
                                (1,7):1
                                          (1,8):1
                                                     (1,9):2
                                                     (2,9):0
(2,4):0
          (2,5):1
                     (2,6):1
                                (2,7):0
                                          (2,8):0
(3,4):1
          (3,5):-1
                     (3,6):2
                               (3,7):-2
                                          (3,8):2
                                                     (3,9): -2
(4,7):2
                     (4,9):2
                               (5,7):-2
          (4,8):1
                                          (5,8):1
                                                     (5,9):2
(6,7):1
          (6,8): -1
                     (6,9):0
```

164. Inequality 164 with incidence 37 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):0
                                (1,7):1
                                                     (1,9):1
(1,4): -2
                      (1,6):1
                                           (1,8):1
           (2,5):2
                                (2,7):0
(2,4):0
                      (2,6):2
                                           (2,8):0
                                                     (2,9):0
(3,4):1
                      (3,6):2
                                (3,7):-2
                                           (3,8):1
                                                     (3,9):0
          (3,5): -2
(4,7):2
           (4,8):1
                      (4,9):2
                                (5,7):-2
                                           (5,8):0
                                                     (5,9):2
(6,7):1
          (6,8):-1
                     (6,9):-1
```

165. Inequality 165 with incidence 37 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4): \overline{2}
           (1,5):-1
                      (1,6):2
                                 (1,7):-2
                                             (1,8):-1
                                                        (1,9):0
           (2,5):1
(2,4):-2
                      (2,6):2
                                 (2,7):1
                                             (2,8):1
                                                        (2,9):-1
(3,4):0
           (3,5):-1
                      (3,6):0
                                 (3,7):-1
                                             (3,8):1
                                                        (3,9):1
(4,7):2
           (4,8):1
                      (4,9):1
                                 (5,7):-1
                                             (5,8):0
                                                        (5,9):2
(6,7):1
           (6,8):0
                      (6,9):1
```

166. Inequality 166 with incidence 37 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):2
                      (1,6):2
                                 (1,7):1
                                            (1,8):2
                                                       (1,9):1
(2,4):-2
           (2,5):2
                                 (2,7):1
                                            (2,8):2
                                                      (2,9):0
                      (2,6):1
(3,4):-1
           (3,5):-1
                      (3,6):1
                                (3,7):-1
                                            (3,8):1
                                                      (3,9):1
(4,7):0
           (4,8):1
                      (4,9):0
                                (5,7): -2
                                           (5,8): -2
                                                      (5,9):1
(6,7):1
           (6,8):-2
                      (6,9):-1
```

167. Inequality 167 with incidence 37 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):0
                     (1,6): -2
                                (1,7):1
                                           (1,8):1
                                                     (1,9):-1
(2,4):-2
          (2,5):0
                                (2,7):2
                                           (2,8):2
                                                     (2,9):2
                     (2,6):0
(3,4):0
          (3,5):0
                     (3,6):2
                               (3,7):-2
                                          (3,8):2
                                                     (3,9):2
(4,7):1
          (4,8):1
                     (4,9):1
                                (5,7):0
                                          (5,8):-2
                                                     (5,9):2
(6,7):2
           (6,8):0
                     (6,9): -2
```

168. Inequality 168 with incidence 37 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                      (1,6):2
                                (1,7):-2
                                           (1,8):1
                                                     (1,9): -2
(2,4):-1
          (2,5): -3
                      (2,6):2
                                 (2,7):2
                                           (2,8):2
                                                      (2,9):0
(3,4):0
          (3,5):-1
                     (3,6):-1
                                (3,7):-1
                                           (3,8):1
                                                      (3,9):2
                                                      (5,9):3
(4,7):1
           (4,8):0
                     (4,9):-1
                                (5,7):2
                                           (5,8):1
                     (6,9):2
(6,7):0
          (6,8):-1
```

169. Inequality 169 with incidence 37 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):1
           (1,5): -1
                      (1,6):1
                                 (1,7): -2
                                            (1,8):1
                                                       (1,9):0
(2,4):0
                                                      (2,9):-1
           (2,5):2
                      (2,6):1
                                 (2,7):1
                                            (2,8):1
           (3,5):0
                                 (3,7):0
(3,4): -2
                      (3,6):2
                                            (3,8):2
                                                       (3,9):2
(4,7):2
                      (4,9):2
           (4,8):1
                                 (5,7):-2
                                           (5,8):-1
                                                       (5,9):2
(6,7):1
           (6,8): -2
                      (6,9):-1
```

170. Inequality 170 with incidence 37 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):-1
                                 (1,7):0
                      (1,6):1
                                           (1,8):-1
                                                      (1,9):2
(2,4):-2
           (2,5):1
                      (2,6):1
                                 (2,7):1
                                           (2,8):2
                                                      (2,9):1
                                                      (3,9):1
(3,4):-1
           (3,5):0
                      (3,6):0
                                (3,7):-1
                                           (3,8):1
(4,7):1
           (4,8):1
                      (4,9):2
                                 (5,7):0
                                           (5,8):-1
                                                      (5,9):1
(6,7):1
           (6,8):0
                     (6,9):-1
```

171. Inequality 171 with incidence 37 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):2
                                                     (1,9): -2
(1,4):1
                     (1,6):1
                                (1,7):-1
                                           (1,8):1
(2,4):-3
          (2,5):2
                                (2,7):3
                                           (2,8):4
                                                      (2,9):0
                     (2,6): -2
                     (3,6):0
(3,4):-2
          (3,5):0
                                (3,7): -2
                                           (3,8):2
                                                      (3,9):2
          (4,8):2
                     (4,9):3
                                (5,7):0
                                          (5,8):-2
                                                      (5,9):2
(4,7):1
(6,7):1
           (6,8):1
                     (6,9):-1
```

172. Inequality 172 with incidence 37 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):-1
                      (1,6):1
                                 (1,7):1
                                            (1,8):0
                                                      (1,9):0
(2,4):0
           (2,5):2
                      (2,6):1
                                (2,7):-2
                                           (2,8):2
                                                      (2,9):1
(3,4):-1
           (3,5):2
                      (3,6):1
                                 (3,7):2
                                           (3,8):3
                                                      (3,9):1
                                                      (5,9):-2
(4,7):0
           (4,8):1
                     (4,9):-1
                                 (5,7):1
                                           (5,8):-2
           (6,8): -2
(6,7):0
                      (6,9):1
```

173. Inequality 173 with incidence 37 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):-1
                                                       (1,9):-1
(1,4):1
           (1,5):2
                      (1,6):2
                                            (1,8):1
(2,4):-4
           (2,5):1
                      (2,6):3
                                 (2,7):1
                                            (2,8):4
                                                       (2,9):3
(3,4): -2
           (3,5):2
                                 (3,7):0
                                                       (3,9):0
                      (3,6): -2
                                            (3,8):2
(4,7):1
           (4,8):3
                      (4,9):3
                                 (5,7):0
                                            (5,8):-4
                                                       (5,9):3
(6,7):1
           (6,8): -2
                      (6,9): -2
```

174. Inequality 174 with incidence 37 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):3
                      (1,6):2
                                 (1,7):1
                                            (1,8):1
                                                       (1,9):-1
(2,4):-3
                      (2,6): -1
           (2,5):4
                                 (2,7):3
                                            (2,8):3
                                                       (2,9):0
(3,4):-3
           (3,5):0
                      (3,6):3
                                 (3,7): -3
                                            (3,8):3
                                                       (3,9):0
(4,7):0
           (4,8):3
                      (4,9):1
                                 (5,7):-3
                                            (5,8): -3
                                                       (5,9):1
(6,7):2
           (6,8): -1
                      (6,9):1
```

175. Inequality 175 with incidence 37 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):2
(1,4):0
                     (1,6):2
                                (1,7):2
                                           (1,8): -2
                                                      (1,9):0
(2,4):-2
           (2,5):1
                                (2,7):1
                                           (2,8):1
                                                      (2,9):0
                     (2,6): -1
(3,4):0
          (3,5):1
                     (3,6): -1
                                (3,7):0
                                           (3,8):1
                                                      (3,9):-1
(4,7):2
           (4,8):2
                     (4,9):2
                                (5,7): -2
                                           (5,8):0
                                                      (5,9):2
(6,7):-1
           (6,8):2
                     (6,9):-1
```

176. Inequality 176 with incidence 37 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
          (1,5):1
                     (1,6):1
                                (1,7):1
                                          (1,8):-1
                                                     (1,9):-1
(2,4):-2
          (2,5):2
                     (2,6):1
                                (2,7):1
                                           (2,8):2
                                                      (2,9):0
(3,4):0
          (3,5):2
                    (3,6): -2
                                (3,7):0
                                           (3,8):2
                                                     (3,9): -2
(4,7):1
          (4,8):2
                     (4,9):2
                               (5,7):-1
                                          (5,8):-2
                                                      (5,9):2
(6,7):0
          (6,8):1
                     (6,9):-1
```

177. Inequality 177 with incidence 37 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):0
                      (1,6):1
                                 (1,7):2
                                           (1,8):1
                                                      (1,9):-1
(2,4):-1
           (2,5): -2
                      (2,6):1
                                 (2,7):3
                                           (2,8):2
                                                      (2,9):1
(3,4):0
           (3,5):2
                      (3,6):-1
                                 (3,7): -3
                                           (3,8):3
                                                      (3,9):-1
(4,7):0
                      (4,9):0
                                                      (5,9):2
           (4,8):0
                                 (5,7):2
                                           (5,8):0
(6,7): -2
           (6,8):0
                      (6,9):1
```

178. Inequality 178 with incidence 37 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):1
                     (1,6):1
                                (1,7):2
                                           (1,8):0
                                                     (1,9):1
                                                     (2,9):-1
(2,4):-1
           (2,5):2
                                (2,7):2
                     (2,6):1
                                           (2,8):1
(3,4):-1
           (3,5):-1
                               (3,7):-1
                     (3,6):1
                                           (3,8):1
                                                     (3,9):1
(4,7):0
                     (4,9):0
                                          (5,8):-1
           (4,8):1
                               (5,7): -2
                                                     (5,9):1
(6,7):-1
           (6,8):0
                     (6,9):0
```

179. Inequality 179 with incidence 37 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):0
                     (1,6): -2
                                 (1,7):0
                                           (1,8): -2
                                                      (1,9):2
(2,4):-2
           (2,5):1
                      (2,6):0
                                 (2,7):2
                                           (2,8):2
                                                      (2,9):1
(3,4):0
           (3,5):0
                      (3,6):1
                                (3,7):-1
                                           (3,8):1
                                                      (3,9):1
(4,7):2
           (4,8):2
                      (4,9):0
                                (5,7):-1
                                           (5,8):-1
                                                      (5,9):1
(6,7):2
           (6,8): -2
                      (6,9):1
```

180. Inequality 180 with incidence 37 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):2
                                (1,7):-1
(1,4):1
           (1,5):1
                                            (1,8):1
                                                      (1,9):0
(2,4):-3
           (2,5):2
                                                      (2,9):1
                      (2,6):1
                                 (2,7):2
                                           (2,8):3
(3,4):0
           (3,5):0
                                (3,7):0
                                           (3,8):2
                                                      (3,9): -2
                      (3,6):0
(4,7):2
           (4,8):2
                      (4,9):2
                                (5,7):-1
                                           (5,8):-1
                                                      (5,9):1
(6,7):2
           (6,8): -3
                     (6,9): -2
```

181. Inequality 181 with incidence 37 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5): -2
                      (1,6):1
                                 (1,7):1
                                            (1,8): -2
                                                       (1,9):3
(2,4):-2
           (2,5):4
                      (2,6):1
                                 (2,7):3
                                            (2,8):3
                                                       (2,9):-1
(3,4):0
           (3,5): -2
                      (3,6):1
                                 (3,7):-2
                                            (3,8):2
                                                       (3,9):3
                                 (5,7): -2
(4,7):2
           (4,8):1
                      (4,9):2
                                            (5,8):-2
                                                       (5,9):4
(6,7):0
           (6,8):0
                      (6,9): -1
```

182. Inequality 182 with incidence 37 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):1
                                (1,7):1
                                                     (1,9):-1
(1,4):1
                     (1,6): -1
                                           (1,8):1
(2,4):-1
          (2,5):0
                     (2,6): -1
                                (2,7):2
                                           (2,8):1
                                                      (2,9):1
(3,4):0
          (3,5):0
                                (3,7):-2
                                                      (3,9):0
                     (3,6):0
                                           (3,8):2
                                                      (5,9):2
(4,7):1
          (4,8):0
                     (4,9):1
                                (5,7): -2
                                          (5,8):-1
(6,7):2
           (6,8):1
                     (6,9):1
```

183. Inequality 183 with incidence 37 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):1
                      (1,6):2
                                 (1,7):-1
                                            (1,8):0
                                                       (1,9): -2
                      (2,6): -1
                                 (2,7):3
(2,4): -2
           (2,5):3
                                            (2,8):2
                                                       (2,9):-1
(3,4): -2
           (3,5):0
                      (3,6):2
                                 (3,7):-2
                                            (3,8):2
                                                       (3,9):0
(4,7):1
           (4,8):4
                      (4,9):3
                                 (5,7):-3
                                            (5,8):-2
                                                       (5,9):3
(6,7):4
           (6,8): -2
                      (6,9):1
```

184. Inequality 184 with incidence 37 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):1
                      (1,6):2
                                 (1,7):-1
                                            (1,8):2
                                                       (1,9):-1
(2,4):-2
           (2,5):2
                                 (2,7):2
                                            (2,8):1
                                                       (2,9):0
                     (2,6):-1
(3,4):-1
           (3,5):-1
                      (3,6):0
                                 (3,7):0
                                            (3,8):1
                                                       (3,9):1
(4,7):1
           (4,8):3
                      (4,9):2
                                 (5,7): -2
                                           (5,8):-1
                                                       (5,9):3
           (6,8): -2
                      (6,9):1
(6,7):2
```

185. Inequality 185 with incidence 37 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):1
                                 (1,7):0
                                                       (1,9):0
                      (1,6):1
                                            (1,8):1
(2,4):-3
                                 (2,7):3
                                                      (2,9):2
           (2,5):1
                      (2,6): -2
                                            (2,8):1
(3,4):-1
           (3,5):-1
                      (3,6):1
                                (3,7):-1
                                            (3,8):1
                                                      (3,9):1
(4,7):2
           (4,8):3
                      (4,9):4
                                (5,7):-3
                                           (5,8):-2
                                                       (5,9):4
(6,7):3
           (6,8): -2
                      (6,9):1
```

186. Inequality 186 with incidence 37 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):0
          (1,5):-1
                     (1,6):1
                                (1,7):0
                                           (1,8):1
                                                      (1,9):-1
(2,4):2
          (2,5):2
                     (2,6):1
                                (2,7):-2
                                           (2,8): -2
                                                      (2,9): -1
(3,4):2
          (3,5):0
                     (3,6): -1
                                (3,7):2
                                           (3,8): -2
                                                      (3,9):-1
                     (4,9):3
                                                      (5,9):-2
(4,7):0
          (4,8):3
                                (5,7):2
                                           (5,8):3
(6,7):2
          (6,8):-1
                     (6,9):2
```

187. Inequality 187 with incidence 37 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5): -1
(1,4):-1
                     (1,6):0
                               (1,7):-1
                                          (1,8):1
                                                    (1,9):2
                                                    (2,9):1
                                          (2,8):2
(2,4):-2
           (2,5):1
                     (2,6):1
                               (2,7):1
                               (3,7):-1
                                          (3,8):2
                                                    (3,9):-2
(3,4):0
           (3,5):0
                     (3,6):1
                     (4,9):2
           (4,8):2
                                          (5,8):0
                                                    (5,9):1
(4,7):1
                               (5,7):-1
(6,7):1
          (6,8):-1
                     (6,9):0
```

188. Inequality 188 with incidence 37 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):0
                     (1,6): -1
                               (1,7):-1
                                                     (1,9):1
(1,4):2
                                          (1,8): -1
(2,4):-2
          (2,5):0
                     (2,6): -1
                                (2,7):2
                                           (2,8):2
                                                     (2,9):1
(3,4):0
                               (3,7):-2
          (3,5):0
                     (3,6):1
                                           (3,8):2
                                                     (3,9):1
(4,7):2
          (4,8):2
                     (4,9):0
                                (5,7):0
                                          (5,8):-1
                                                     (5,9):1
          (6,8):0
                     (6,9):0
(6,7):1
```

189. Inequality 189 with incidence 37 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):-1
           (1,5):-1
                      (1,6):1
                                 (1,7):0
                                           (1,8):-1
                                                      (1,9):2
(2,4):-2
                                 (2,7):2
                                                      (2,9):0
           (2,5):1
                      (2,6): -1
                                            (2,8):2
                      (3,6):2
(3,4):0
                                 (3,7):-2
                                            (3,8):2
                                                      (3,9):1
           (3,5):1
(4,7):2
           (4,8):1
                      (4,9):2
                                           (5,8):-2
                                 (5,7):0
                                                      (5,9):1
(6,7):2
                     (6,9): -2
           (6,8):0
```

190. Inequality 190 with incidence 37 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):0
           (1,5):2
                      (1,6):2
                                 (1,7):0
                                            (1,8):2
                                                      (1,9): -2
(2,4):-2
           (2,5):2
                      (2,6): -1
                                 (2,7):2
                                            (2,8):1
                                                       (2,9):0
(3,4):-1
           (3,5):-1
                      (3,6):1
                                (3,7):-1
                                            (3,8):1
                                                       (3,9):1
                                (5,7):-3
(4,7):2
           (4,8):3
                      (4,9):4
                                           (5,8):-2
                                                       (5,9):4
(6,7):2
           (6,8): -3
                      (6,9):1
```

191. Inequality 191 with incidence 37 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):-1
(1,4):2
           (1,5):1
                      (1,6):2
                                           (1,8):0
                                                      (1,9): -2
(2,4):-2
           (2,5):2
                      (2,6):0
                                (2,7):2
                                           (2,8):2
                                                      (2,9):0
(3,4):-2
                                (3,7):-2
                                           (3,8):2
           (3,5):-1
                      (3,6):2
                                                      (3,9):1
                                                      (5,9):3
(4,7):1
           (4,8):4
                      (4,9):3
                                (5,7): -3
                                           (5,8):-2
(6,7):3
           (6,8): -2
                      (6,9):1
```

192. Inequality 192 with incidence 37 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):0
           (1,5):0
                      (1,6): -3
                                 (1,7):3
                                            (1,8): -3
                                                        (1,9):3
(2,4):-4
           (2,5):5
                      (2,6):0
                                 (2,7):5
                                                       (2,9):-1
                                            (2,8):5
(3,4):-4
           (3,5): -4
                      (3,6):0
                                 (3,7): -2
                                            (3,8):4
                                                       (3,9):6
(4,7):2
           (4,8):6
                      (4,9):4
                                 (5,7):-5
                                            (5,8):-1
                                                        (5,9):5
(6,7):3
           (6,8): -3
                      (6,9):3
```

193. Inequality 193 with incidence 36 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):1
(1,4):2
           (1,5):0
                      (1,6):3
                                            (1,8): -1
                                                       (1,9):-1
(2,4):-2
           (2,5): -2
                      (2,6):2
                                 (2,7):3
                                            (2,8):1
                                                       (2,9):0
(3,4):-1
           (3,5):2
                      (3,6):1
                                 (3,7):-1
                                            (3,8):1
                                                       (3,9): -2
                                            (5,8):0
(4,7):1
           (4,8):1
                      (4,9):-1
                                 (5,7):2
                                                       (5,9):2
           (6,8):0
                      (6,9):2
(6,7): -2
```

194. Inequality 194 with incidence 36 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,9):1
          (1,5):-1
                     (1,6):2
                                (1,7):1
(1,4):0
                                           (1,8):1
(2,4):0
                                (2,7):2
                                           (2,8):2
                                                     (2,9):-2
          (2,5):3
                     (2,6):1
(3,4):0
          (3,5):-1
                     (3,6):2
                                (3,7): -3
                                           (3,8):2
                                                      (3,9):2
(4,7):2
          (4,8):0
                     (4,9):2
                                (5,7): -2
                                          (5,8):-1
                                                      (5,9):2
(6,7):0
          (6,8): -2
                     (6,9):-1
```

195. Inequality 195 with incidence 36 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):2
           (1,5):3
                      (1,6):2
                                 (1,7):1
                                            (1,8):1
                                                       (1,9): -3
(2,4):-4
           (2,5):0
                      (2,6):3
                                 (2,7):1
                                            (2,8):3
                                                       (2,9):3
(3,4): -2
           (3,5):3
                      (3,6): -2
                                 (3,7):-1
                                            (3,8):3
                                                       (3,9):-1
(4,7):0
           (4,8):3
                      (4,9):3
                                 (5,7):0
                                            (5,8): -3
                                                       (5,9):3
           (6,8): -1
                      (6,9):-1
(6,7):-1
```

196. Inequality 196 with incidence 36 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5): -1
                      (1,6):2
                                (1,7):-1
                                           (1,8):0
                                                      (1,9):1
(2,4):-2
                                                      (2,9):1
           (2,5):1
                      (2,6):2
                                 (2,7):1
                                           (2,8):1
(3,4):0
           (3,5):0
                                (3,7):-1
                                                     (3,9):-1
                      (3,6):1
                                           (3,8):1
(4,7):1
           (4,8):1
                      (4,9):1
                                                      (5,9):1
                                (5,7):-1
                                           (5,8):0
(6,7):1
           (6,8):-1
                     (6,9):-1
```

197. Inequality 197 with incidence 36 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):1
           (1,5):1
                                                       (1,9):0
(1,4): -1
                                 (1,7):2
                                            (1,8): -1
(2,4):-2
           (2,5):1
                      (2,6): -1
                                 (2,7):1
                                            (2,8):2
                                                       (2,9):1
(3,4):0
           (3,5):-1
                      (3,6):1
                                 (3,7):0
                                            (3,8):1
                                                       (3,9):-1
(4,7):2
           (4,8):1
                      (4,9):2
                                 (5,7): -2
                                            (5,8):0
                                                       (5,9):1
           (6,8):1
                      (6,9):1
(6,7):-1
```

198. Inequality 198 with incidence 36 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,6):2
                                 (1,7):1
(1,4):1
           (1,5):0
                                            (1,8): -1
                                                       (1,9):-1
(2,4):-1
           (2,5): -2
                                                       (2,9):1
                      (2,6):1
                                 (2,7):2
                                            (2,8):1
                      (3,6):1
(3,4):-1
           (3,5):2
                                 (3,7):-1
                                            (3,8):1
                                                       (3,9): -2
(4,7):1
           (4,8):1
                      (4,9):-1
                                            (5,8):0
                                                       (5,9):2
                                 (5,7):2
(6,7): -1
           (6,8):0
                      (6,9):1
```

199. Inequality 199 with incidence 36 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):-1
                     (1,6):2
                               (1,7):-1
                                           (1,8):-1
                                                      (1,9):0
(2,4):-2
           (2,5):1
                     (2,6):2
                                (2,7):1
                                           (2,8):1
                                                     (2,9):1
(3,4):0
           (3,5):0
                     (3,6):1
                               (3,7):-1
                                           (3,8):1
                                                     (3,9):-1
(4,7):1
           (4,8):1
                     (4,9):1
                               (5,7):-1
                                           (5,8):0
                                                     (5,9):1
(6,7):1
           (6,8):0
                     (6,9):0
```

200. Inequality 200 with incidence 36 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,5):-1
                                 (1,7):-2
(1,4):1
                      (1,6):2
                                            (1,8):1
                                                       (1,9):1
(2,4):-1
                                            (2,8):2
           (2,5):2
                      (2,6):1
                                 (2,7):1
                                                       (2,9):-1
(3,4):-1
                                 (3,7):0
           (3,5):0
                      (3,6):1
                                            (3,8):1
                                                       (3,9):1
(4,7):3
           (4,8):1
                      (4,9):3
                                 (5,7): -2
                                            (5,8): -2
                                                       (5,9):3
(6,7):2
           (6,8): -3
                      (6,9): -1
```

201. Inequality 201 with incidence 36 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):-1
                      (1,6):2
                                (1,7):-2
                                            (1,8):1
                                                      (1,9):0
(2,4):-1
           (2,5):2
                                 (2,7):1
                                            (2,8):1
                                                      (2,9):0
                      (2,6):1
(3,4):-1
           (3,5):0
                      (3,6):1
                                 (3,7):0
                                            (3,8):1
                                                      (3,9):1
(4,7):2
           (4,8):1
                      (4,9):3
                                (5,7):-2
                                           (5,8):-2
                                                      (5,9):3
(6,7):1
           (6,8): -2
                     (6,9):-1
```

202. Inequality 202 with incidence 36 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,6):1
(1,4):-1
           (1,5):-1
                                 (1,7):0
                                            (1,8): -1
                                                       (1,9):2
(2,4):-2
           (2,5):2
                                 (2,7):1
                                            (2,8):2
                                                      (2,9):0
                      (2,6):1
(3,4):-1
           (3,5): -1
                      (3,6):-1
                                 (3,7):0
                                            (3,8):1
                                                      (3,9):2
(4,7):1
           (4,8):1
                      (4,9):2
                                 (5,7):-1
                                           (5,8):-1
                                                      (5,9):2
           (6,8):0
                      (6,9):0
(6,7):1
```

203. Inequality 203 with incidence 36 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):0
                                 (1,7):1
                                           (1,8):1
                                                      (1,9): -2
                      (1,6):1
(2,4):2
                                                      (2,9):0
           (2,5):-1
                      (2,6): -1
                                 (2,7):1
                                           (2,8):-1
(3,4):1
           (3,5):1
                      (3,6):1
                                (3,7):0
                                           (3,8):-1
                                                      (3,9): -2
(4,7):-1
           (4,8):1
                      (4,9):2
                                 (5,7):2
                                           (5,8):0
                                                      (5,9):2
(6,7):-1
           (6,8):0
                      (6,9):2
```

204. Inequality 204 with incidence 36 and stabilizer of size 4. Orbit size is 82944 nature: unknown

```
(1,4):1
          (1,5): -2
                                (1,7):1
                                           (1,8):1
                                                      (1,9): -2
                     (1,6):1
(2,4):1
          (2,5):1
                     (2,6):1
                                (2,7):-1
                                           (2,8):-1
                                                      (2,9): -1
(3,4):1
          (3,5):0
                     (3,6):-1
                                (3,7):1
                                           (3,8):-1
                                                      (3,9):0
                                                      (5,9):-1
(4,7):1
          (4,8):0
                     (4,9):2
                                (5,7):2
                                           (5,8):2
(6,7):0
          (6,8):1
                     (6,9):2
```

205. Inequality 205 with incidence 36 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
          (1,5): -3
                     (1,6):1
                                (1,7):2
                                           (1,8):1
                                                      (1,9): -2
                                                      (2,9):-1
(2,4):2
                                (2,7):-2
          (2,5):2
                     (2,6):1
                                           (2,8): -2
(3,4):1
          (3,5):2
                                (3,7):2
                                           (3,8):-2
                                                      (3,9):2
                     (3,6): -1
(4,7):0
                                (5,7):2
                                           (5,8):3
                                                      (5,9): -2
          (4,8):1
                     (4,9):1
(6,7):0
          (6,8):1
                     (6,9):2
```

206. Inequality 206 with incidence 36 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):2
           (1,5):-1
                      (1,6):2
                                (1,7):0
                                                      (1,9):0
                                           (1,8):-1
(2,4):-2
           (2,5):1
                      (2,6):1
                                (2,7):1
                                           (2,8):2
                                                      (2,9):1
(3,4):-2
           (3,5):1
                      (3,6):1
                                (3,7):-1
                                           (3,8):2
                                                      (3,9):1
(4,7):0
           (4,8):3
                     (4,9):3
                                (5,7):0
                                           (5,8): -3
                                                      (5,9):2
(6,7):0
           (6,8):-1
                     (6,9):-1
```

207. Inequality 207 with incidence 36 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,9):0
(1,4):1
           (1,5):2
                      (1,6):3
                                (1,7):1
                                           (1,8):-1
(2,4):-2
           (2,5):2
                                (2,7):1
                                                      (2,9):0
                     (2,6):-1
                                           (2,8):2
(3,4):-2
           (3,5):-1
                     (3,6):2
                                (3,7):-1
                                           (3,8):1
                                                      (3,9):1
(4,7):0
           (4,8):2
                                                      (5,9):1
                     (4,9):1
                                (5,7):-1
                                           (5,8):-1
(6,7):0
                     (6,9):-1
           (6,8):1
```

208. Inequality 208 with incidence 36 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
          (1,5):1
                     (1,6):2
                                (1,7):1
                                          (1,8):-1
                                                     (1,9):0
          (2,5):2
                                                     (2,9):0
(2,4):-2
                     (2,6): -1
                                (2,7):1
                                           (2,8):2
(3,4): -2
          (3,5):0
                     (3,6):2
                               (3,7):-1
                                           (3,8):1
                                                     (3,9):0
                     (4,9):1
                               (5,7):-1
(4,7):0
          (4,8):2
                                          (5,8):-1
                                                     (5,9):1
(6,7):0
          (6,8):1
                     (6,9):0
```

209. Inequality 209 with incidence 36 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,7):1
                                                    (1,9):0
(1,4):-1
           (1,5):0
                     (1,6):1
                                          (1,8):1
          (2,5):1
(2,4):0
                     (2,6):1
                                (2,7):0
                                          (2,8):0
                                                    (2,9):0
(3,4):0
                               (3,7):-1
                                                    (3,9):0
          (3,5): -1
                     (3,6):1
                                          (3,8):1
(4,7):1
           (4,8):1
                     (4,9):1
                               (5,7):-1
                                          (5,8):0
                                                    (5,9):1
(6,7):0
          (6,8):-1
                     (6,9):0
```

210. Inequality 210 with incidence 36 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):0
           (1,5):1
                      (1,6):1
                                 (1,7):0
                                            (1,8):0
                                                       (1,9):0
(2,4):-2
           (2,5):2
                      (2,6): -1
                                 (2,7):2
                                            (2,8):2
                                                       (2,9):1
(3,4):-2
           (3,5):-1
                      (3,6):2
                                (3,7):-2
                                            (3,8):2
                                                      (3,9):1
(4,7):0
           (4,8):2
                      (4,9):2
                                (5,7): -2
                                           (5,8):-1
                                                      (5,9):1
(6,7):2
           (6,8):-1
                      (6,9):1
```

211. Inequality 211 with incidence 36 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):-1
           (1,5):2
                      (1,6):2
                                 (1,7):2
                                           (1,8):0
                                                      (1,9):-1
(2,4):-1
           (2,5):2
                                 (2,7):2
                                           (2,8):1
                                                      (2,9):-1
                      (2,6): -1
(3,4):1
           (3,5): -2
                      (3,6):1
                                 (3,7):-2
                                           (3,8):1
                                                      (3,9):1
(4,7):3
           (4,8):0
                      (4,9):2
                                (5,7): -3
                                           (5,8):0
                                                      (5,9):3
(6,7):0
           (6,8):0
                      (6,9):0
```

212. Inequality 212 with incidence 36 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):2
                     (1,6):1
                                (1,7):1
                                           (1,8):1
                                                     (1,9):-1
(1,4):0
(2,4):0
          (2,5):1
                                (2,7):2
                                                     (2,9):-1
                     (2,6):-1
                                           (2,8):1
(3,4):0
          (3,5):-1
                     (3,6):2
                                (3,7):-3
                                           (3,8):2
                                                     (3,9):2
(4,7):3
          (4,8):0
                     (4,9):3
                                (5,7): -3
                                          (5,8):-1
                                                      (5,9):2
(6,7):2
          (6,8):-1
                     (6,9):-1
```

213. Inequality 213 with incidence 36 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):1
                      (1,6):2
                                 (1,7):-1
                                            (1,8):1
                                                       (1,9):0
(2,4):-2
           (2,5):2
                      (2,6):1
                                 (2,7):2
                                            (2,8):3
                                                       (2,9):0
(3,4):0
           (3,5):1
                      (3,6):0
                                 (3,7):-1
                                            (3,8):1
                                                       (3,9):-1
(4,7):1
           (4,8):1
                      (4,9):1
                                 (5,7):0
                                           (5,8): -2
                                                       (5,9):2
(6,7):1
           (6,8): -2
                     (6,9): -2
```

214. Inequality 214 with incidence 36 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):2
           (1,5):1
                      (1,6):1
                                (1,7):-1
                                            (1,8):1
                                                      (1,9): -2
(2,4):-3
                                            (2,8):2
                                                       (2,9):0
           (2,5):3
                      (2,6):1
                                 (2,7):3
           (3,5): -3
                                (3,7):-3
                                                      (3,9):3
(3,4):0
                      (3,6):2
                                            (3,8):1
(4,7):3
           (4,8):1
                      (4,9):3
                                (5,7):-3
                                           (5,8):-1
                                                       (5,9):3
(6,7):1
           (6,8):0
                      (6,9): -1
```

215. Inequality 215 with incidence 36 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,9): -1
           (1,5):2
                      (1,6):2
                                 (1,7):1
(1,4):1
                                           (1,8): -1
(2,4):-2
           (2,5):0
                      (2,6):1
                                 (2,7):2
                                            (2,8):1
                                                      (2,9):2
                                (3,7):-2
(3,4):0
           (3,5): -2
                      (3,6):2
                                            (3,8):1
                                                       (3,9):1
(4,7):1
           (4,8):1
                      (4,9):1
                                (5,7):-2
                                            (5,8):0
                                                       (5,9):2
(6,7):0
           (6,8):0
                      (6,9):-1
```

216. Inequality 216 with incidence 36 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,9): -2
(1,4):2
           (1,5):1
                     (1,6):1
                                (1,7):1
                                           (1,8):-1
(2,4):-2
           (2,5):1
                                (2,7):2
                                                      (2,9):2
                     (2,6):2
                                           (2,8):3
          (3,5):1
                     (3,6): -1
(3,4):0
                                (3,7):-1
                                           (3,8):3
                                                      (3,9): -2
(4,7):0
           (4,8):2
                     (4,9):2
                                                      (5,9):1
                                (5,7):-1
                                           (5,8):-1
(6,7):-1
           (6,8):0
                     (6,9):-1
```

217. Inequality 217 with incidence 36 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):1
                     (1,6):1
                                (1,7):-1
                                           (1,8):1
                                                      (1,9): -2
(2,4):-2
                                (2,7):3
                                                      (2,9):3
           (2,5):0
                     (2,6):2
                                           (2,8):2
(3,4):0
           (3,5):1
                     (3,6): -1
                                (3,7):-1
                                           (3,8):2
                                                      (3,9):-1
(4,7):2
           (4,8):0
                     (4,9):2
                                (5,7): -2
                                           (5,8):-1
                                                      (5,9):3
(6,7):-1
           (6,8):0
                     (6,9): -1
```

218. Inequality 218 with incidence 36 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,9):2
(1,4): -2
          (1,5):-1
                      (1,6):1
                                 (1,7):1
                                           (1,8):1
          (2,5):3
(2,4):0
                      (2,6):3
                                 (2,7):0
                                           (2,8):0
                                                     (2,9):0
                                (3,7):-3
                                           (3,8):2
                                                     (3,9):0
(3,4):1
          (3,5): -3
                      (3,6):3
(4,7):2
           (4,8):1
                      (4,9):2
                                (5,7):-2
                                           (5,8):1
                                                     (5,9):2
(6,7):2
          (6,8): -1
                     (6,9): -2
```

219. Inequality 219 with incidence 36 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):1
                      (1,6):1
                                 (1,7):1
                                            (1,8):1
                                                       (1,9):-1
                      (2,6):1
                                 (2,7):1
(2,4):-1
           (2,5):1
                                            (2,8):2
                                                       (2,9):0
(3,4):0
           (3,5):2
                      (3,6):1
                                 (3,7): -2
                                            (3,8):2
                                                       (3,9):-1
(4,7):0
           (4,8):1
                      (4,9):1
                                 (5,7):0
                                            (5,8): -2
                                                       (5,9):2
           (6,8): -2
(6,7):0
                      (6,9):-1
```

220. Inequality 220 with incidence 36 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):-1
                      (1,6):1
                                (1,7):0
                                           (1,8):0
                                                      (1,9):1
(2,4):0
                                (2,7):2
                                           (2,8):1
                                                      (2,9):-1
           (2,5):1
                      (2,6):1
(3,4):1
           (3,5):1
                      (3,6):2
                                (3,7): -2
                                           (3,8):2
                                                      (3,9): -2
(4,7):1
           (4,8):1
                      (4,9):2
                                (5,7):-1
                                           (5,8):-1
                                                      (5,9):1
(6,7):0
           (6,8):-1
                      (6,9):1
```

221. Inequality 221 with incidence 36 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,9):-3
           (1,5):1
                                 (1,7):2
                                           (1,8):3
(1,4):-1
                      (1,6):2
(2,4):-3
                                 (2,7):2
                                           (2,8):2
                                                      (2,9):2
           (2,5):0
                      (2,6): -1
(3,4):-1
           (3,5):-1
                      (3,6):1
                                (3,7): -3
                                           (3,8):3
                                                      (3,9):1
(4,7):2
           (4,8):3
                      (4,9):2
                                 (5,7):-1
                                           (5,8):0
                                                      (5,9):1
(6,7):0
           (6,8):-1
                      (6,9):1
```

222. Inequality 222 with incidence 36 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):-1
           (1,5):2
                      (1,6):2
                                 (1,7):2
                                           (1,8):4
                                                      (1,9):-5
(2,4):-4
           (2,5):0
                      (2,6): -1
                                 (2,7):3
                                           (2,8):3
                                                      (2,9):3
(3,4):-1
           (3,5): -2
                      (3,6):2
                                 (3,7):-5
                                           (3,8):4
                                                      (3,9):2
                                                      (5,9):2
(4,7):3
           (4,8):4
                      (4,9):3
                                (5,7): -2
                                           (5,8):0
(6,7):1
           (6,8):-1
                      (6,9):1
```

223. Inequality 223 with incidence 36 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
          (1,5):-1
                     (1,6):2
                               (1,7):-1
                                          (1,8): -1
                                                     (1,9):0
                                (2,7):2
                                                     (2,9):0
(2,4):-3
           (2,5):2
                     (2,6):2
                                           (2,8):1
(3,4):1
          (3,5):-1
                     (3,6):2
                               (3,7):-2
                                                     (3,9):-1
                                          (3,8):1
(4,7):2
                               (5,7):-2
                     (4,9):2
                                                     (5,9):2
           (4,8):1
                                           (5,8):0
(6,7):1
           (6,8):0
                     (6,9):1
```

224. Inequality 224 with incidence 36 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):1
                                (1,7):1
                                                      (1,9):1
                      (1,6):2
                                           (1,8):1
(2,4):-2
           (2,5):0
                      (2,6):1
                                (2,7):1
                                           (2,8):1
                                                      (2,9):1
                                (3,7):-1
                                                      (3,9):0
(3,4):-1
           (3,5):0
                      (3,6):1
                                           (3,8):1
(4,7):0
           (4,8):1
                     (4,9):0
                                (5,7):-1
                                           (5,8):-1
                                                      (5,9):1
(6,7):0
           (6,8):-1
                     (6,9):-1
```

225. Inequality 225 with incidence 36 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):0
                                          (1,8):0
                                                     (1,9):0
(1,4):1
          (1,5): -1
                     (1,6):2
(2,4):-2
                                          (2,8):1
                                                     (2,9):0
           (2,5):1
                     (2,6):2
                                (2,7):2
(3,4):0
           (3,5):0
                     (3,6):1
                               (3,7):-1
                                          (3,8):1
                                                     (3,9):-1
(4,7):1
                                          (5,8):0
                                                     (5,9):1
           (4,8):1
                     (4,9):1
                                (5,7):-1
(6,7):-1
          (6,8): -1
                     (6,9):1
```

226. Inequality 226 with incidence 36 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
          (1,5):-1
                     (1,6):1
                                (1,7):1
                                           (1,8):0
                                                      (1,9): -2
                                                      (2,9):-1
(2,4):4
          (2,5):3
                     (2,6):2
                                (2,7):-4
                                           (2,8):-2
(3,4):2
          (3,5):0
                     (3,6): -2
                                (3,7):2
                                           (3,8): -2
                                                      (3,9):0
(4,7):1
          (4,8):4
                     (4,9):4
                                (5,7):3
                                           (5,8):2
                                                      (5,9): -3
          (6,8): -2
(6,7):3
                     (6,9):2
```

227. Inequality 227 with incidence 36 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):-2
                                                       (1,9):0
(1,4):2
           (1,5):2
                      (1,6):2
                                            (1,8):0
(2,4):-2
           (2,5):2
                      (2,6): -1
                                 (2,7):2
                                            (2,8):1
                                                      (2,9):0
(3,4):-1
                                (3,7):-1
                                                      (3,9):1
           (3,5):-1
                      (3,6):1
                                            (3,8):1
(4,7):2
           (4,8):2
                      (4,9):1
                                (5,7):-1
                                           (5,8):-1
                                                      (5,9):1
(6,7):2
           (6,8):-1
                      (6,9):-1
```

228. Inequality 228 with incidence 36 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
          (1,5):0
                     (1,6):1
                               (1,7):-1
                                           (1,8):1
                                                      (1,9): -2
(2,4):4
          (2,5):2
                    (2,6): -2
                               (2,7): -2
                                          (2,8): -2
                                                      (2,9):0
(3,4):3
          (3,5):0
                     (3,6):2
                                (3,7):1
                                          (3,8): -3
                                                      (3,9):-3
(4,7):1
          (4,8):3
                     (4,9):4
                                (5,7):2
                                           (5,8):2
                                                      (5,9): -2
          (6,8):1
(6,7):1
                     (6,9):3
```

229. Inequality 229 with incidence 36 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):0
                      (1,6):0
                                 (1,7):1
                                            (1,8): -1
                                                       (1,9):1
(2,4):-3
                                 (2,7):2
                                            (2,8):2
                                                       (2,9):0
           (2,5):2
                      (2,6): -1
(3,4):-1
           (3,5):1
                      (3,6):2
                                 (3,7):-1
                                            (3,8):2
                                                       (3,9):1
(4,7):2
           (4,8):2
                      (4,9):3
                                 (5,7):-1
                                            (5,8): -2
                                                       (5,9):2
(6,7):1
           (6,8):-1
                      (6,9):-1
```

230. Inequality 230 with incidence 36 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):0
           (1,5):2
                      (1,6):2
                                 (1,7):2
                                            (1,8):1
                                                       (1,9): -3
(2,4):1
           (2,5): -1
                                                       (2,9):0
                      (2,6):1
                                 (2,7):0
                                           (2,8):-1
(3,4):1
           (3,5):2
                     (3,6):-1
                                 (3,7):1
                                           (3,8):-1
                                                      (3,9): -2
(4,7):2
           (4,8):1
                      (4,9):3
                                 (5,7):-2
                                            (5,8):0
                                                       (5,9):3
           (6,8):0
                      (6,9):1
(6,7):-1
```

231. Inequality 231 with incidence 36 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5): -2
                      (1,6):2
                                 (1,7):0
                                            (1,8): -2
                                                       (1,9):3
(2,4):-3
           (2,5):2
                      (2,6):1
                                 (2,7):2
                                            (2,8):3
                                                       (2,9):1
(3,4):-2
           (3,5):0
                      (3,6):0
                                 (3,7):-2
                                            (3,8):2
                                                       (3,9):2
(4,7):1
           (4,8):2
                      (4,9):3
                                 (5,7):0
                                            (5,8): -2
                                                       (5,9):2
                      (6,9): -1
(6,7):1
           (6,8):1
```

232. Inequality 232 with incidence 36 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                      (1,6):2
                                 (1,7):-1
                                            (1,8):1
                                                      (1,9):-1
(2,4):-3
           (2,5):1
                      (2,6):2
                                 (2,7):1
                                            (2,8):3
                                                       (2,9):2
(3,4):-1
                                 (3,7):0
           (3,5):2
                      (3,6): -2
                                            (3,8):2
                                                      (3,9):-1
                      (4,9):2
           (4,8):2
(4,7):1
                                 (5,7):0
                                           (5,8):-3
                                                       (5,9):2
(6,7):1
           (6,8): -1
                      (6,9): -2
```

233. Inequality 233 with incidence 36 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):1
           (1,5):1
                                 (1,7):1
(1,4):0
                                            (1,8): -1
                                                       (1,9):0
(2,4):-1
           (2,5):1
                      (2,6): -1
                                 (2,7):2
                                            (2,8):2
                                                       (2,9):-1
                                 (3,7):-2
                                                       (3,9):1
(3,4):0
           (3,5): -1
                      (3,6):1
                                            (3,8):1
(4,7):2
           (4,8):1
                      (4,9):2
                                 (5,7): -2
                                            (5,8):0
                                                       (5,9):1
           (6,8):1
                      (6,9):-1
(6,7):1
```

234. Inequality 234 with incidence 36 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):2
(1,4):0
           (1,5): -2
                                (1,7):-1
                                           (1,8): -2
                                                       (1,9):3
(2,4):-1
                                                       (2,9):1
           (2,5):1
                      (2,6):1
                                 (2,7):1
                                            (2,8):1
(3,4):1
           (3,5):2
                      (3,6):2
                                (3,7):-2
                                            (3,8):2
                                                      (3,9):-1
(4,7):1
           (4,8):2
                      (4,9):3
                                           (5,8):-3
                                                       (5,9):2
                                 (5,7):0
(6,7):1
           (6,8):0
                      (6,9): -2
```

235. Inequality 235 with incidence 36 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):0
           (1,5): -1
                      (1,6):1
                                 (1,7):-1
                                            (1,8):-1
                                                       (1,9):2
(2,4):0
           (2,5):1
                      (2,6):1
                                 (2,7):0
                                            (2,8):1
                                                       (2,9):-1
(3,4):-1
           (3,5):0
                      (3,6):2
                                 (3,7):-1
                                            (3,8):2
                                                       (3,9):2
                      (4,9):3
                                 (5,7):-1
(4,7):3
           (4,8):1
                                           (5,8):-1
                                                       (5,9):2
           (6,8): -2
                      (6,9): -2
(6,7):2
```

236. Inequality 236 with incidence 36 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,7):1
                                                       (1,9):-1
(1,4):2
           (1,5):3
                      (1,6):1
                                            (1,8):2
(2,4):-3
           (2,5):2
                      (2,6):1
                                 (2,7):2
                                            (2,8):3
                                                       (2,9):1
(3,4):-1
                                 (3,7):-1
           (3,5):1
                      (3,6):0
                                            (3,8):2
                                                      (3,9):-1
(4,7):1
           (4,8):2
                      (4,9):1
                                 (5,7):-2
                                            (5,8):-3
                                                       (5,9):1
(6,7):1
           (6,8): -2
                      (6,9): -1
```

237. Inequality 237 with incidence 36 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6): \overline{1}
(1,4):1
           (1,5):1
                                  (1,7):1
                                             (1,8):0
                                                        (1,9): -2
(2,4): -2
           (2,5):0
                                  (2,7):1
                                             (2,8):2
                                                        (2,9):2
                       (2,6):1
(3,4):1
           (3,5):-1
                      (3,6):1
                                 (3,7):-2
                                             (3,8):2
                                                        (3,9):-1
(4,7):1
           (4,8):1
                       (4,9):2
                                 (5,7):-1
                                             (5,8):0
                                                        (5,9):1
(6,7):0
           (6,8):-1
                      (6,9):0
```

238. Inequality 238 with incidence 36 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):1
                                (1,7):1
(1,4):1
           (1,5):1
                                           (1,8):0
                                                     (1,9): -2
(2,4):-3
                                (2,7):2
                                           (2,8):2
                                                     (2,9):0
           (2,5):2
                     (2,6):1
(3,4):1
           (3,5): -2
                     (3,6):3
                                (3,7): -3
                                           (3,8):2
                                                     (3,9):-1
(4,7):2
           (4,8):2
                     (4,9):3
                                (5,7): -3
                                           (5,8):0
                                                     (5,9):2
           (6,8): -2
                     (6,9):2
(6,7):1
```

239. Inequality 239 with incidence 36 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):2
                                (1,7):2
                                           (1,8):0
                                                     (1,9): -3
(1,4):1
                     (1,6):2
                                (2,7):2
                                           (2,8):2
                                                     (2,9):2
(2,4):-3
           (2,5):0
                     (2,6):1
(3,4):2
           (3,5): -2
                     (3,6):2
                                (3,7): -3
                                          (3,8):2
                                                     (3,9):-1
(4,7):2
           (4,8):1
                     (4,9):3
                                (5,7): -2
                                           (5,8):0
                                                     (5,9):2
(6,7):-1
           (6,8):-1
                     (6,9):1
```

240. Inequality 240 with incidence 36 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):-1
                      (1,6): -1
                                 (1,7):1
                                            (1,8):0
                                                       (1,9):2
(2,4):-1
           (2,5):2
                      (2,6):0
                                 (2,7):2
                                            (2,8):2
                                                       (2,9):-1
(3,4):-1
           (3,5): -1
                      (3,6):1
                                 (3,7):-1
                                            (3,8):2
                                                       (3,9):2
(4,7):1
           (4,8):1
                      (4,9):1
                                 (5,7):-1
                                            (5,8):-1
                                                       (5,9):2
(6,7):0
           (6,8):0
                      (6,9):0
```

241. Inequality 241 with incidence 36 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):1
                      (1,6):1
                                 (1,7):1
                                            (1,8): -1
                                                      (1,9): -2
(2,4):-2
                                 (2,7):2
           (2,5):1
                      (2,6):2
                                            (2,8):3
                                                       (2,9):2
           (3,5):0
                                (3,7):-1
                                                      (3,9):-2
(3,4):0
                      (3,6):0
                                            (3,8):3
(4,7):0
           (4,8):2
                      (4,9):2
                                (5,7):-1
                                            (5,8):0
                                                       (5,9):1
(6,7):-1
           (6,8):-1
                      (6,9): -1
```

242. Inequality 242 with incidence 36 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,5):1
                     (1,6):3
                                (1,7):-2
                                           (1,8):0
                                                     (1,9):-3
(1,4):3
(2,4):-2
           (2,5):3
                     (2,6):0
                                (2,7):3
                                           (2,8):3
                                                     (2,9):-1
                                (3,7):-3
(3,4):-3
          (3,5):-1
                     (3,6):3
                                           (3,8):3
                                                      (3,9):1
(4,7):1
           (4,8):5
                     (4,9):4
                                (5,7): -4
                                          (5,8): -2
                                                      (5,9):3
(6,7):5
           (6,8): -3
                     (6,9):2
```

243. Inequality 243 with incidence 36 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):1
                                (1,7):0
                                           (1,8):0
                                                      (1,9):-1
(1,4):1
           (1,5):1
(2,4):-2
                                (2,7):2
                                           (2,8):3
                                                      (2,9):-1
           (2,5):3
                      (2,6):1
                     (3,6):2
(3,4):-1
           (3,5): -2
                                (3,7): -2
                                           (3,8):2
                                                      (3,9):1
(4,7):2
                     (4,9):3
                                                      (5,9):3
           (4,8):3
                                (5,7):-4
                                           (5,8):-1
(6,7):2
           (6,8): -3
                      (6,9):1
```

244. Inequality 244 with incidence 36 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):0
           (1,5):-1
                      (1,6):2
                                 (1,7):1
                                           (1,8):2
                                                      (1,9):2
(2,4):-2
           (2,5):1
                      (2,6):1
                                 (2,7):2
                                           (2,8):1
                                                      (2,9):1
(3,4):2
           (3,5):0
                      (3,6):0
                                (3,7):-2
                                           (3,8):2
                                                     (3,9): -2
(4,7):2
                                                      (5,9):2
           (4,8):0
                      (4,9):2
                                (5,7): -2
                                           (5,8):0
(6,7):-1
           (6,8):-1
                     (6,9):-1
```

245. Inequality 245 with incidence 36 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
                               (1,7):-1
                                                     (1,9):-1
           (1,5):0
                     (1,6):1
                                           (1,8):2
(2,4):-1
           (2,5):2
                     (2,6):1
                               (2,7): -2
                                           (2,8):3
                                                      (2,9):1
(3,4):0
                                (3,7):3
                                                     (3,9):1
           (3,5):1
                     (3,6):0
                                           (3,8):3
(4,7):0
           (4,8):0
                     (4,9):0
                                (5,7):1
                                          (5,8):-2
                                                     (5,9):-2
(6,7):1
          (6,8): -2
                     (6,9):1
```

246. Inequality 246 with incidence 36 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):0
                     (1,6):2
                                (1,7):-1
                                           (1,8):1
                                                      (1,9):1
(2,4): -2
                                (2,7):2
                                           (2,8):2
                                                     (2,9):1
           (2,5):1
                     (2,6):0
(3,4): -2
           (3,5):0
                     (3,6):2
                                (3,7): -2
                                           (3,8):2
                                                     (3,9):0
(4,7):0
           (4,8):2
                     (4,9):1
                                (5,7):-1
                                           (5,8):-1
                                                     (5,9):1
(6,7):2
           (6,8): -2
                     (6,9):0
```

247. Inequality 247 with incidence 36 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):0
           (1,5):2
                      (1,6):3
                                (1,7):-1
                                            (1,8):3
                                                      (1,9): -3
(2,4):-3
           (2,5):3
                                 (2,7):3
                                            (2,8):2
                                                       (2,9):0
                     (2,6): -1
(3,4):-1
           (3,5):-1
                      (3,6):1
                                (3,7):-1
                                            (3,8):1
                                                       (3,9):1
                                           (5,8):-3
(4,7):2
           (4,8):5
                      (4,9):5
                                (5,7):-4
                                                       (5,9):5
           (6,8):-4
                      (6,9):2
(6,7):3
```

248. Inequality 248 with incidence 36 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):0
                                 (1,7):1
                                                       (1,9):1
                      (1,6):2
                                            (1,8):1
(2,4):-3
                                 (2,7):2
                                                       (2,9):2
           (2,5):1
                      (2,6): -2
                                            (2,8):2
(3,4):-1
           (3,5):0
                      (3,6):1
                                 (3,7):-1
                                            (3,8):2
                                                       (3,9):1
(4,7):1
           (4,8):2
                      (4,9):2
                                 (5,7):-1
                                           (5,8): -2
                                                       (5,9):2
(6,7):0
           (6,8):-1
                      (6,9):0
```

249. Inequality 249 with incidence 36 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-2
           (1,5):-1
                                 (1,7):1
                                                       (1,9):0
                      (1,6):1
                                            (1,8):1
(2,4):-3
           (2,5):1
                      (2,6): -1
                                 (2,7):2
                                            (2,8):2
                                                       (2,9):1
(3,4):-1
           (3,5):1
                      (3,6):2
                                 (3,7):-2
                                            (3,8):3
                                                      (3,9):1
(4,7):2
           (4,8):3
                      (4,9):1
                                 (5,7):0
                                           (5,8): -2
                                                       (5,9):1
                      (6,9):0
(6,7):1
           (6,8):-1
```

250. Inequality 250 with incidence 36 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):0
           (1,5):1
                      (1,6):1
                                 (1,7):0
                                            (1,8):2
                                                      (1,9): -2
(2,4):-2
                                            (2,8):2
           (2,5):1
                      (2,6): -1
                                 (2,7):1
                                                       (2,9):1
(3,4):-1
           (3,5):-1
                                 (3,7):-2
                      (3,6):2
                                            (3,8):2
                                                       (3,9):2
                      (4,9):2
(4,7):1
           (4,8):2
                                 (5,7):-1
                                           (5,8):-1
                                                       (5,9):1
(6,7):1
           (6,8):-1
                      (6,9):0
```

251. Inequality 251 with incidence 36 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,5):2
                                 (1,7):3
                                                      (1,9):-1
(1,4): -1
                      (1,6): -1
                                            (1,8):2
(2,4):-1
           (2,5):0
                      (2,6):1
                                 (2,7):0
                                            (2,8):0
                                                      (2,9):0
                                (3,7):-3
(3,4):0
           (3,5):-1
                      (3,6):0
                                            (3.8):3
                                                       (3,9):1
(4,7):2
           (4,8):1
                      (4,9):1
                                (5,7):-2
                                           (5,8):-1
                                                       (5,9):2
(6,7):2
           (6,8):1
                      (6,9):1
```

252. Inequality 252 with incidence 36 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):1
                                                     (1,9): -2
(1,4):2
          (1,5):1
                               (1,7):1
                                          (1,8): -1
(2,4):-3
                                          (2,8):2
                                                     (2,9):1
          (2,5):1
                     (2,6):1
                               (2,7):2
(3,4):1
                    (3,6):1
          (3,5):0
                               (3,7):-2
                                          (3,8):2
                                                     (3,9): -2
(4,7):1
          (4,8):2
                    (4,9):3
                                          (5,8):-1
                                                     (5,9):1
                               (5,7):-2
(6,7):0
          (6,8):0
                     (6,9):1
```

253. Inequality 253 with incidence 36 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):-1
                     (1,6): -2
                                 (1,7):1
                                           (1,8):1
                                                      (1,9):2
                                                     (2,9):-1
(2,4):-2
           (2,5):2
                      (2,6):2
                                 (2,7):2
                                           (2,8):1
(3,4):0
          (3,5): -2
                      (3,6):2
                                (3,7):-1
                                           (3,8):1
                                                      (3,9):0
                                                      (5,9):2
(4,7):1
           (4,8):1
                      (4,9):1
                                (5,7):-1
                                           (5,8):0
(6,7):0
           (6,8):0
                      (6,9):2
```

254. Inequality 254 with incidence 36 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):1
(1,4):0
           (1,5): -1
                     (1,6): -1
                                            (1,8):-1
                                                       (1,9):2
(2,4):-1
                                            (2,8):3
           (2,5):2
                     (2,6): -1
                                 (2,7):2
                                                      (2,9):-1
(3,4):0
           (3,5):-1
                                 (3,7):-2
                                            (3,8):2
                                                       (3,9):2
                      (3,6):1
(4,7):1
           (4,8):1
                      (4,9):1
                                 (5,7):-1
                                           (5,8):-1
                                                       (5,9):2
(6,7):1
           (6,8):0
                      (6,9):0
```

255. Inequality 255 with incidence 36 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):2
          (1,5): -3
                     (1,6):1
                                (1,7):1
                                           (1,8):1
                                                      (1,9): -2
(2,4):4
          (2,5):3
                     (2,6): -1
                                (2,7): -3
                                           (2,8): -3
                                                      (2,9):0
(3,4):0
          (3,5):0
                     (3,6):0
                                (3,7):3
                                           (3,8):-3
                                                      (3,9):0
(4,7):2
          (4,8):2
                     (4,9):2
                                (5,7):4
                                           (5,8):4
                                                      (5,9): -2
(6,7):1
          (6,8):1
                     (6,9):2
```

256. Inequality 256 with incidence 36 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):1
                      (1,6):2
                                 (1,7):-1
                                            (1,8):1
                                                       (1,9): -2
(2,4):-1
           (2,5):2
                                 (2,7):2
                                            (2,8):1
                                                       (2,9):-1
                      (2,6): -1
(3,4):-1
           (3,5):0
                      (3,6):1
                                 (3,7):-1
                                            (3,8):1
                                                       (3,9):0
(4,7):1
           (4,8):3
                      (4,9):3
                                 (5,7): -2
                                            (5,8): -2
                                                       (5,9):3
           (6,8): -2
                      (6,9):1
(6,7):3
```

257. Inequality 257 with incidence 36 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):2
(1,4):-1
           (1,5):2
                      (1,6):2
                                            (1,8):-1
                                                       (1,9):0
           (2,5):2
                                            (2,8):2
                                                       (2,9):-1
(2,4):-2
                      (2,6): -2
                                 (2,7):1
(3,4):-1
           (3,5): -1
                      (3,6):0
                                 (3,7):0
                                            (3,8):1
                                                       (3,9):1
(4,7):2
           (4,8):2
                      (4,9):2
                                 (5,7): -2
                                            (5,8):0
                                                       (5,9):3
(6,7):-1
           (6,8):2
                      (6,9): -1
```

258. Inequality 258 with incidence 36 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):0
           (1,5):-1
                      (1,6):1
                                 (1,7):-1
                                            (1,8):-1
                                                       (1,9):2
(2,4):-2
           (2,5):1
                      (2,6): -1
                                 (2,7):1
                                            (2,8):1
                                                       (2,9):0
                      (3,6):3
(3,4):-1
           (3,5):2
                                 (3,7):-2
                                            (3,8):3
                                                       (3,9):1
(4,7):2
           (4,8):2
                      (4,9):3
                                 (5,7):0
                                            (5,8): -2
                                                       (5,9):2
                      (6,9): -2
(6,7):2
           (6,8):-1
```

259. Inequality 259 with incidence 36 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):2
           (1,5):1
                      (1,6):1
                                 (1,7):-1
                                            (1,8):0
                                                      (1,9):-1
(2,4):-2
                      (2,6): -1
           (2,5):1
                                 (2,7):1
                                            (2,8):1
                                                       (2,9):0
                                 (3,7):-1
(3,4):-2
           (3,5):0
                      (3,6):3
                                            (3,8):3
                                                       (3,9):3
(4,7):2
           (4,8):3
                      (4,9):3
                                 (5,7):0
                                           (5,8):-3
                                                       (5,9):3
(6,7):1
           (6,8): -2
                      (6,9): -2
```

260. Inequality 260 with incidence 36 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):0
                     (1,6): -2
                               (1,7):-1
                                                     (1,9):2
(1,4):-1
                                           (1,8):2
(2,4):-2
          (2,5):1
                     (2,6):1
                                (2,7):2
                                          (2,8):1
                                                     (2,9):1
                                (3,7):0
          (3,5):0
                                                     (3,9):-2
(3,4):0
                     (3,6):0
                                          (3,8):2
(4,7):2
          (4,8):2
                     (4,9):3
                               (5,7):-1
                                          (5,8):-1
                                                     (5,9):1
           (6,8):2
(6,7):-2
                     (6,9):1
```

261. Inequality 261 with incidence 36 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,6):1
                               (1,7):-1
                                                     (1,9):1
(1,4):1
          (1,5):0
                                          (1,8):0
          (2,5):0
                                                     (2,9):1
(2,4):-1
                     (2,6):1
                               (2,7):0
                                          (2,8):1
(3,4):0
          (3,5):0
                               (3,7):-1
                                          (3,8):1
                                                     (3,9):0
                     (3,6):0
(4,7):1
          (4,8):1
                     (4,9):0
                                                     (5,9):1
                               (5,7):0
                                          (5,8):-1
(6,7):1
          (6,8):0
                     (6,9): -1
```

262. Inequality 262 with incidence 36 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
          (1,5): -2
                     (1,6):1
                                (1,7):1
                                           (1,8):0
                                                      (1,9):-1
(2,4):2
          (2,5):3
                     (2,6):1
                                (2,7): -2
                                           (2,8):-2
                                                      (2,9):0
(3,4):2
          (3,5):1
                     (3,6): -2
                                (3,7):2
                                           (3,8): -2
                                                      (3,9):1
          (4,8):2
(4,7):0
                                (5,7):2
                                                      (5,9): -2
                     (4,9):1
                                           (5,8):2
(6,7):1
          (6,8):0
                     (6,9):1
```

263. Inequality 263 with incidence 36 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
                                 (1,7):2
           (1,5):0
                     (1,6): -2
                                           (1,8):-1
                                                      (1,9):2
(2,4):-3
           (2,5):3
                                                      (2,9):0
                      (2,6):0
                                 (2,7):3
                                           (2,8):3
(3,4):-2
                                (3,7):-2
                                           (3,8):3
                                                      (3,9):2
           (3,5):0
                      (3,6):1
                                           (5,8):-3
(4,7):2
           (4,8):4
                      (4,9):4
                                (5,7): -3
                                                      (5,9):3
(6,7):2
           (6,8): -2
                      (6,9):1
```

264. Inequality 264 with incidence 36 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):1
           (1,5):1
                      (1,6):2
                                 (1,7):2
                                            (1,8): -2
                                                       (1,9):0
(2,4):-2
           (2,5):2
                                 (2,7):2
                                            (2,8):2
                                                       (2,9):0
                      (2,6):0
(3,4):-1
           (3,5): -1
                      (3,6):1
                                 (3,7):-1
                                            (3,8):1
                                                       (3,9):1
(4,7):1
           (4,8):3
                      (4,9):2
                                 (5,7): -3
                                            (5,8):-1
                                                       (5,9):2
(6,7):-1
                      (6,9):-1
           (6,8):1
```

265. Inequality 265 with incidence 36 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):0
           (1,5):1
                     (1,6):1
                                (1,7):1
                                           (1,8):1
                                                     (1,9): -2
(2,4):-2
           (2,5):2
                                (2,7):2
                                          (2,8):2
                                                     (2,9):0
                     (2,6):0
                                                     (3,9):1
(3,4):-1
          (3,5): -4
                     (3,6):3
                                (3,7): -3
                                          (3,8):4
(4,7):2
          (4,8):3
                     (4,9):2
                                (5,7):-4
                                          (5,8):1
                                                     (5,9):4
(6,7):2
          (6,8):-3
                     (6,9):3
```

266. Inequality 266 with incidence 36 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):3
                      (1,6): -2
                                 (1,7):-1
                                            (1,8):-1
                                                       (1,9):-1
(1,4):4
(2,4):-5
                                                       (2,9):0
           (2,5):2
                      (2,6): -3
                                 (2,7):3
                                            (2,8):3
(3,4):-1
           (3,5):4
                      (3,6):4
                                 (3,7): -3
                                            (3,8):4
                                                       (3,9):0
(4,7):3
           (4,8):4
                      (4,9):1
                                 (5,7):1
                                            (5,8):-3
                                                       (5,9):1
(6,7):3
           (6,8): -1
                      (6,9): -1
```

267. Inequality 267 with incidence 35 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):-1
                      (1,6):3
                                 (1,7):1
                                                       (1,9):1
                                            (1,8):0
(2,4):-2
           (2,5):1
                      (2,6):2
                                 (2,7):1
                                            (2,8):2
                                                       (2,9):0
(3,4):-1
           (3,5):-1
                      (3,6):1
                                 (3,7):-1
                                            (3,8):1
                                                       (3,9):1
(4,7):0
           (4,8):2
                      (4,9):1
                                 (5,7):0
                                           (5,8):-1
                                                       (5,9):2
                     (6,9): -1
(6,7):-1
           (6,8): -2
```

268. Inequality 268 with incidence 35 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4): -2
           (1,5): -2
                      (1,6):2
                                (1,7):-1
                                            (1,8):0
                                                       (1,9):3
(2,4):-3
           (2,5):0
                     (2,6): -2
                                 (2,7):3
                                            (2,8):3
                                                      (2,9):1
                                (3,7):-3
           (3,5):2
(3,4):1
                      (3,6):2
                                            (3,8):3
                                                      (3,9):-1
                      (4,9):2
(4,7):2
           (4,8):2
                                 (5,7):0
                                           (5,8): -2
                                                      (5,9):2
(6,7):3
           (6,8):0
                      (6,9):-1
```

269. Inequality 269 with incidence 35 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5): -1
                     (1,6):2
                               (1,7):-1
                                          (1,8):-1
                                                      (1,9):0
(1,4):1
(2,4):-3
           (2,5):1
                     (2,6):2
                                (2,7):2
                                           (2,8):1
                                                     (2,9):1
                               (3,7):-2
                                                     (3,9):-2
(3,4):1
           (3,5):0
                     (3,6):2
                                           (3,8):1
(4,7):2
                                                     (5,9):2
           (4,8):1
                     (4,9):2
                               (5,7): -2
                                           (5,8):0
(6,7):1
           (6,8):0
                     (6,9):1
```

270. Inequality 270 with incidence 35 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6): \overline{2}
                                  (1,7):-1
                                                         (1,9):-1
(1,4):1
            (1,5):0
                                             (1,8): -1
(2,4):-2
                                  (2,7):2
                                                         (2,9):-1
            (2,5):2
                       (2,6):1
                                              (2,8):2
(3,4):-1
           (3,5): -2
                                  (3,7): -2
                                              (3,8):2
                                                         (3,9):1
                       (3,6):2
           (4,8):2
                       (4,9):1
                                                         (5,9):2
(4,7):1
                                  (5,7): -2
                                             (5,8):0
(6,7):2
                       (6,9):2
           (6,8):-1
```

271. Inequality 271 with incidence 35 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):3
                      (1,6):2
                                 (1,7):1
                                            (1,8):-1
                                                       (1,9):0
(2,4):-1
           (2,5):2
                      (2,6): -1
                                 (2,7):2
                                            (2,8):1
                                                       (2,9):-1
(3,4):0
           (3,5): -2
                      (3,6):1
                                 (3,7):-1
                                            (3,8):1
                                                       (3,9):1
(4,7):2
                                 (5,7): -3
           (4,8):0
                      (4,9):2
                                            (5,8):1
                                                       (5,9):3
(6,7):1
           (6,8):0
                      (6,9): -1
```

272. Inequality 272 with incidence 35 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):1
                                                      (1,9):0
(1,4):-1
           (1,5):1
                      (1,6): -2
                                            (1,8):1
(2,4):3
          (2,5): -1
                      (2,6): -2
                                 (2,7):3
                                            (2,8):4
                                                      (2,9):-1
(3,4):2
           (3,5):0
                                 (3,7):-3
                                                      (3,9):-1
                      (3,6): -1
                                            (3,8):3
                                                      (5,9):1
(4,7):0
          (4,8):-2
                      (4,9):2
                                 (5,7):0
                                            (5,8):1
(6,7):1
           (6,8):3
                      (6,9):1
```

273. Inequality 273 with incidence 35 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5): -2
                      (1,6):2
                                (1,7): -3
                                           (1,8):2
                                                      (1,9):0
           (2,5):1
(2,4):-3
                      (2,6):1
                                (2,7):2
                                           (2,8):2
                                                      (2,9):1
(3,4):0
           (3,5):2
                      (3,6):2
                                (3,7):0
                                           (3,8):2
                                                      (3,9): -2
(4,7):3
           (4,8):2
                      (4,9):3
                                (5,7): -3
                                           (5,8):-1
                                                      (5,9):3
(6,7):1
           (6,8): -3
                     (6,9):1
```

274. Inequality 274 with incidence 35 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):1
(1,4):-1
           (1,5):0
                                 (1,7):0
                                            (1,8): -1
                                                       (1,9):1
(2,4):-2
                                 (2,7):2
                                            (2,8):1
                                                       (2,9):1
           (2,5):1
                      (2,6): -1
(3,4):-1
           (3,5): -1
                      (3,6):1
                                 (3,7):-1
                                            (3,8):1
                                                       (3,9):1
(4,7):1
           (4,8):1
                      (4,9):2
                                 (5,7): -2
                                            (5,8):0
                                                       (5,9):2
(6,7):2
           (6,8):0
                      (6,9):1
```

275. Inequality 275 with incidence 35 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):2
                      (1,6):2
                                 (1,7):-1
                                             (1,8):1
                                                       (1,9):-1
(1,4):1
(2,4):-3
                                 (2,7):3
                                            (2,8):2
                                                        (2,9):2
           (2,5):1
                      (2,6): -1
(3,4): -2
           (3,5): -2
                      (3,6):2
                                 (3,7): -2
                                            (3,8):2
                                                        (3,9):2
(4,7):1
           (4,8):3
                      (4,9):2
                                 (5,7): -2
                                            (5,8):-2
                                                        (5,9):3
(6,7):3
           (6,8): -2
                      (6,9):0
```

276. Inequality 276 with incidence 35 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):1
                     (1,6):1
                                (1,7):-1
                                           (1,8):1
                                                      (1,9):-1
(2,4):-3
           (2,5):1
                     (2,6): -1
                                (2,7):3
                                           (2,8):3
                                                      (2,9):1
(3,4):-2
           (3,5):1
                     (3,6):-1
                                (3,7): -2
                                           (3,8):3
                                                      (3,9):1
                     (4,9):3
(4,7):1
           (4,8):2
                                (5,7):0
                                           (5,8): -2
                                                      (5,9):1
(6,7):1
           (6,8):1
                     (6,9):-1
```

277. Inequality 277 with incidence 35 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4): -2
          (1,5):0
                     (1,6):1
                                (1,7):1
                                           (1,8): -1
                                                     (1,9):1
          (2,5):2
                                           (2,8):2
                                                     (2,9):2
(2,4):-3
                     (2,6): -2
                                (2,7):3
          (3,5):0
                                (3,7):-1
                                                     (3,9):1
(3,4):-1
                     (3,6):1
                                           (3,8):2
                               (5,7):-2
                                          (5,8):-2
                                                     (5,9):2
(4,7):2
                     (4,9):3
          (4,8):1
          (6,8):0
                     (6,9):1
(6,7):1
```

278. Inequality 278 with incidence 35 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):1
                      (1,6): -1
                                 (1,7):0
                                            (1,8):0
                                                      (1,9):-1
(1,4):1
(2,4):2
           (2,5):0
                      (2,6):1
                                 (2,7):2
                                            (2,8):1
                                                      (2,9): -2
                                                      (3,9): -1
(3,4):1
           (3,5):0
                      (3,6):0
                                 (3,7):-2
                                            (3,8):2
(4,7):-1
           (4,8): -1
                      (4,9):2
                                 (5,7):1
                                            (5,8):1
                                                      (5,9):1
(6,7):0
           (6,8):1
                      (6,9):1
```

279. Inequality 279 with incidence 35 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):1
                                 (1,7):0
(1,4):2
           (1,5):2
                                            (1,8): -1
                                                       (1,9): -2
(2,4):2
           (2,5): -2
                                            (2,8):2
                                                       (2,9):-1
                      (2,6):1
                                 (2,7):2
(3,4):1
           (3,5):1
                      (3,6): -1
                                 (3,7): -2
                                            (3,8):2
                                                       (3,9):-1
(4,7):-2
           (4,8): -1
                      (4,9):2
                                            (5,8):2
                                 (5,7):2
                                                       (5,9):1
                      (6,9):1
(6,7):0
           (6,8):0
```

280. Inequality 280 with incidence 35 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):2
                      (1,6):2
                                 (1,7):1
                                           (1,8):3
                                                      (1,9): -3
(2,4):-2
                                                      (2,9):2
           (2,5):0
                      (2,6): -1
                                 (2,7):3
                                           (2,8):2
(3,4):0
                      (3,6):2
           (3,5): -2
                                (3,7):-4
                                           (3,8):3
                                                      (3,9):1
(4,7):2
                                                      (5,9):2
           (4,8):2
                      (4,9):1
                                (5,7):-2
                                           (5,8):0
(6,7):2
           (6,8): -2
                      (6,9):1
```

281. Inequality 281 with incidence 35 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):-1
(1,4):1
           (1,5):1
                      (1,6):2
                                            (1,8):1
                                                       (1,9):0
(2,4):-3
           (2,5):3
                      (2,6):0
                                 (2,7):3
                                            (2,8):3
                                                       (2,9):0
(3,4):0
                                 (3,7):-1
                                            (3,8):2
           (3,5):2
                      (3,6):-1
                                                      (3,9): -2
(4,7):2
           (4,8):2
                      (4,9):2
                                 (5,7):-1
                                            (5,8):-3
                                                       (5,9):2
(6,7):2
           (6,8): -1
                      (6,9): -2
```

282. Inequality 282 with incidence 35 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4): -2
           (1,5): -1
                      (1,6): -1
                                  (1,7):2
                                             (1,8):-1
                                                        (1,9):3
           (2,5):3
                      (2,6):1
(2,4): -2
                                  (2,7):3
                                             (2,8):2
                                                        (2,9):-1
(3,4):-1
           (3,5): -2
                       (3,6):2
                                  (3,7): -2
                                             (3,8):2
                                                        (3,9):3
(4,7):2
           (4,8):1
                       (4,9):2
                                  (5,7): -2
                                             (5,8):-1
                                                        (5,9):3
(6,7):1
           (6,8): -1
                       (6,9):0
```

283. Inequality 283 with incidence 35 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4): -2
           (1,5): -1
                      (1,6):1
                                 (1,7):1
                                           (1,8):1
                                                      (1,9):2
(2,4):0
           (2,5):3
                                           (2,8):0
                                                      (2,9):0
                      (2,6):3
                                 (2,7):0
(3,4):1
           (3,5): -3
                      (3,6):3
                                 (3,7): -3
                                           (3,8):1
                                                      (3,9):1
(4,7):2
                                           (5,8):0
           (4,8):1
                      (4,9):2
                                 (5,7):-2
                                                      (5,9):3
(6,7):2
           (6,8):-1
                     (6,9): -2
```

284. Inequality 284 with incidence 35 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,5):3
                      (1,6):3
                                 (1,7):-1
                                             (1,8):2
                                                        (1,9): -2
(1,4):1
                                                        (2,9):1
(2,4):-2
           (2,5):2
                      (2,6): -1
                                 (2,7):3
                                             (2,8):3
(3,4):-1
           (3,5): -3
                      (3,6):3
                                 (3,7): -3
                                             (3,8):3
                                                        (3,9):1
(4,7):1
           (4,8):2
                      (4,9):1
                                 (5,7): -3
                                            (5,8):-1
                                                        (5,9):2
(6,7):3
           (6,8): -3
                      (6,9):1
```

285. Inequality 285 with incidence 35 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4): -2
          (1,5):-1
                                (1,7):1
                                           (1,8):1
                                                     (1,9):2
                     (1,6):1
(2,4):0
           (2,5):1
                     (2,6):1
                                (2,7):1
                                           (2,8):0
                                                     (2,9):-1
(3,4):1
          (3,5): -1
                     (3,6):2
                                (3,7):-2
                                           (3,8):2
                                                     (3,9):-2
                                                     (5,9):2
(4,7):2
          (4,8):1
                     (4,9):2
                                (5,7): -2
                                          (5,8):1
(6,7):0
          (6,8): -1
                     (6,9):1
```

286. Inequality 286 with incidence 35 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5): -1
                      (1,6): -1
                                 (1,7):-1
                                            (1,8):1
                                                       (1,9):1
(2,4):-2
           (2,5):2
                      (2,6): -1
                                 (2,7):2
                                            (2,8):1
                                                       (2,9):0
           (3,5):1
                                 (3,7):0
(3,4):0
                      (3,6):1
                                            (3,8):1
                                                       (3,9):-1
(4,7):2
           (4,8):1
                      (4,9):2
                                 (5,7):-2
                                            (5,8):-1
                                                       (5,9):3
(6,7):1
           (6,8): -1
                      (6,9):1
```

287. Inequality 287 with incidence 35 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):-1
                      (1,6):2
                                 (1,7):0
                                            (1,8):1
(1,4): -2
                                                       (1,9):2
(2,4):-4
           (2,5):2
                     (2,6): -2
                                 (2,7):2
                                            (2,8):2
                                                       (2,9):0
                                (3,7):-2
(3,4):0
           (3,5):3
                      (3,6):3
                                            (3.8):3
                                                      (3,9):-1
(4,7):2
           (4,8):3
                      (4,9):3
                                 (5,7):0
                                           (5,8): -3
                                                       (5,9):3
(6,7):2
           (6,8): -2
                      (6,9):-1
```

288. Inequality 288 with incidence 35 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6): -2
                                (1,7):1
(1,4):1
           (1,5):0
                                           (1,8):1
                                                      (1,9):-1
(2,4):-2
          (2,5):1
                                (2,7):2
                                           (2,8):2
                                                      (2,9):0
                     (2,6): -1
          (3,5):1
(3,4):0
                     (3,6):1
                                (3,7): -2
                                           (3,8):2
                                                      (3,9):0
(4,7):1
          (4,8):1
                     (4,9):1
                                (5,7):0
                                          (5,8):-1
                                                      (5,9):1
(6,7):2
           (6,8):1
                     (6,9):-1
```

289. Inequality 289 with incidence 35 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):1
                     (1,6):-1
                                (1,7):-1
                                            (1,8):0
                                                      (1,9):0
(2,4):-3
           (2,5):2
                     (2,6): -1
                                 (2,7):2
                                            (2,8):2
                                                      (2,9):0
(3,4):-1
                      (3,6):2
           (3,5):2
                                (3,7):-2
                                            (3,8):3
                                                      (3,9):0
                      (4,9):2
                                                      (5,9):2
(4,7):2
           (4,8):3
                                 (5,7):0
                                           (5,8): -3
(6,7):1
           (6,8):-1
                      (6,9):0
```

290. Inequality 290 with incidence 35 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):2
                                                       (1,9):0
(1,4):-1
           (1,5):1
                      (1,6):1
                                           (1,8):-1
(2,4):-3
           (2,5):1
                      (2,6): -2
                                 (2,7):1
                                            (2,8):3
                                                      (2,9):2
(3,4):-1
                                 (3,7):0
                                                      (3,9):1
           (3,5):-1
                      (3,6):1
                                            (3,8):0
(4,7):2
           (4,8):2
                      (4,9):3
                                 (5,7):-2
                                           (5,8): -2
                                                      (5,9):3
(6,7):-1
           (6,8):2
                      (6,9):1
```

291. Inequality 291 with incidence 35 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
          (1,5):0
                     (1,6): -2
                                (1,7):1
                                           (1,8):1
                                                     (1,9):-1
(2,4):-2
          (2,5):2
                     (2,6):0
                                (2,7):2
                                           (2,8):2
                                                      (2,9):0
(3,4):0
          (3,5):2
                     (3,6):2
                                (3,7): -2
                                           (3,8):2
                                                      (3,9):0
(4,7):1
          (4,8):1
                     (4,9):1
                                (5,7):0
                                          (5,8):-2
                                                      (5,9):2
(6,7):2
          (6,8):0
                     (6,9): -2
```

292. Inequality 292 with incidence 35 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):-1
                      (1,6):2
                                (1,7):-3
                                            (1,8):2
                                                      (1,9):0
(2,4):-2
                                 (2,7):2
                                            (2,8):2
                                                      (2,9):0
           (2,5):3
                      (2,6):1
(3,4):-1
           (3,5):0
                      (3,6):1
                                 (3,7):0
                                            (3,8):1
                                                      (3,9):1
(4,7):3
           (4,8):1
                      (4,9):3
                                (5,7): -3
                                           (5,8): -2
                                                      (5,9):3
           (6,8):-2
                     (6,9):-1
(6,7):1
```

293. Inequality 293 with incidence 35 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):1
                                 (1,7):-1
                                                      (1,9):1
                      (1,6):1
                                            (1,8):1
(2,4):-2
                                 (2,7):2
           (2,5):0
                      (2,6): -1
                                            (2,8):2
                                                      (2,9):1
(3,4):0
           (3,5):-1
                      (3,6):1
                                (3,7):-2
                                            (3,8):1
                                                      (3,9):1
(4,7):1
           (4,8):2
                      (4,9):2
                                 (5,7):0
                                           (5,8):-2
                                                      (5,9):2
(6,7):2
           (6,8):0
                      (6,9):-1
```

294. Inequality 294 with incidence 35 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):3
           (1,5):3
                      (1,6):2
                                 (1,7): -3
                                            (1,8):0
                                                       (1,9):-1
(2,4):-3
           (2,5):3
                      (2,6): -1
                                 (2,7):3
                                            (2,8):2
                                                       (2,9):0
(3,4):-1
           (3,5):-1
                      (3,6):1
                                 (3,7):-1
                                            (3,8):1
                                                       (3,9):1
(4,7):3
           (4,8):3
                      (4,9):1
                                 (5,7):-1
                                            (5,8): -2
                                                       (5,9):2
(6,7):3
           (6,8): -2
                      (6,9):-1
```

295. Inequality 295 with incidence 35 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):1
          (1,5):0
                    (1,6):1
                               (1,7):-1
                                          (1,8):1
                                                     (1,9): -2
          (2,5):2
                                                     (2,9):0
(2,4):4
                    (2,6): -2
                               (2,7):-2
                                          (2,8):-2
          (3,5):1
                                          (3,8):-3
                                                     (3,9):-2
(3,4):3
                    (3,6):2
                               (3,7):1
                               (5,7):1
(4,7):1
          (4,8):3
                                          (5,8):2
                                                     (5,9): -2
                    (4,9):4
(6,7):0
          (6,8):1
                     (6,9):2
```

296. Inequality 296 with incidence 35 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):1
           (1,5):-1
                                (1,7):-1
(1,4):2
                                           (1,8): -1
                                                       (1,9):0
(2,4):0
           (2,5):1
                      (2,6):1
                                 (2,7):0
                                            (2,8):1
                                                      (2,9):-1
                                (3,7):-1
(3,4):-1
           (3,5):0
                      (3,6):2
                                            (3,8):2
                                                       (3,9):2
(4,7):2
           (4,8):2
                      (4,9):3
                                (5,7):-1
                                           (5,8): -2
                                                       (5,9):3
           (6,8): -2
                      (6,9):-1
(6,7):1
```

297. Inequality 297 with incidence 35 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
          (1,5):-1
                     (1,6):1
                                (1,7):-1
                                           (1,8):-1
                                                      (1,9):0
(2,4):-1
                                (2,7):0
                                                      (2,9):0
           (2,5):1
                     (2,6):1
                                           (2,8):1
                     (3,6):1
(3,4):0
                                (3,7):-1
                                           (3,8):1
                                                      (3,9):1
           (3,5):0
(4,7):2
                     (4,9):3
           (4,8):2
                                (5,7):-1
                                           (5,8):-2
                                                      (5,9):3
(6,7):1
                     (6,9):-1
          (6,8):-1
```

298. Inequality 298 with incidence 35 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):0
           (1,5):1
                     (1,6):1
                                (1,7):1
                                           (1,8):1
                                                      (1,9): -2
(2,4):-1
           (2,5):1
                     (2,6):1
                                (2,7):1
                                           (2,8):1
                                                      (2,9):1
(3,4):-1
           (3,5):2
                     (3,6): -1
                                (3,7):-1
                                           (3,8):2
                                                      (3,9):-1
                                (5,7):0
                                                      (5,9):2
(4,7):0
           (4,8):2
                     (4,9):2
                                           (5,8): -2
(6,7):-1
           (6,8):0
                     (6,9):0
```

299. Inequality 299 with incidence 35 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,5):-1
                     (1,6):1
                                (1,7):1
                                                      (1,9):0
(1,4):-1
                                           (1,8):0
(2,4):-2
           (2,5):1
                     (2,6):1
                                (2,7):2
                                           (2,8):1
                                                      (2,9):1
(3,4):1
                                (3,7):-1
                                                     (3,9):-1
           (3,5):1
                     (3,6):1
                                           (3,8):1
                                          (5,8):-1
(4,7):2
           (4,8):1
                     (4,9):1
                                (5,7):-1
                                                      (5,9):1
(6,7):-1
           (6,8):0
                     (6,9):0
```

300. Inequality 300 with incidence 35 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):1
                      (1,6):1
                                 (1,7):0
                                            (1,8):1
                                                      (1,9):0
           (2,5):1
                                 (2,7):2
(2,4):-2
                      (2,6):0
                                            (2,8):2
                                                      (2,9):1
(3,4):-1
           (3,5):0
                      (3,6):1
                                (3,7):-1
                                            (3,8):2
                                                      (3,9):1
(4,7):1
           (4,8):2
                      (4,9):1
                                (5,7):-1
                                           (5,8):-3
                                                      (5,9):2
(6,7):1
           (6,8): -2
                     (6,9):-1
```

301. Inequality 301 with incidence 35 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):0
           (1,5):0
                      (1,6):1
                                 (1,7):1
                                            (1,8): -1
                                                       (1,9):1
(2,4):-1
           (2,5):2
                      (2,6):1
                                 (2,7):2
                                            (2,8):1
                                                      (2,9):-1
(3,4):0
           (3,5):-1
                      (3,6):1
                                 (3,7):-1
                                            (3,8):0
                                                       (3,9):1
(4,7):1
           (4,8):2
                      (4,9):2
                                 (5,7): -2
                                           (5,8):-1
                                                       (5,9):2
           (6,8):1
                     (6,9):-1
(6,7):-1
```

302. Inequality 302 with incidence 35 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):1
                     (1,6):2
                               (1,7):1
                                          (1,8): -1
                                                     (1,9): -3
(1,4):2
          (2,5):0
                     (2,6):2
                               (2,7):2
                                          (2,8):2
                                                     (2,9):1
(2,4):-3
(3,4):1
          (3,5):0
                     (3,6):1
                               (3,7): -2
                                          (3,8):2
                                                     (3,9): -2
(4,7):1
          (4,8):2
                     (4,9):3
                               (5,7):-1
                                          (5,8):-1
                                                     (5,9):1
(6,7):-1
           (6,8):0
                     (6,9):2
```

303. Inequality 303 with incidence 35 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-2
           (1,5):1
                      (1,6): -2
                                 (1,7):2
                                            (1,8):1
                                                       (1,9):2
(2,4):-1
           (2,5):1
                      (2,6):1
                                 (2,7):0
                                            (2,8):1
                                                       (2,9):0
(3,4):-1
           (3,5):-1
                      (3,6):1
                                 (3,7):-1
                                            (3,8):1
                                                       (3,9):1
                                                       (5,9):3
(4,7):1
           (4,8):2
                      (4,9):3
                                 (5,7): -2
                                            (5,8): -2
(6,7):2
           (6,8):-1
                      (6,9):1
```

304. Inequality 304 with incidence 35 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):3
                     (1,6): -1
                                 (1,7):2
                                            (1,8):0
                                                      (1,9): -2
(2,4):-3
           (2,5):3
                      (2,6):1
                                 (2,7):3
                                            (2,8):3
                                                       (2,9):1
           (3,5):1
                                 (3,7):-4
(3,4):2
                      (3,6):2
                                            (3,8):3
                                                      (3,9): -2
(4,7):2
           (4,8):2
                                (5,7):-4
                      (4,9):3
                                           (5,8):-3
                                                       (5,9):2
(6,7):1
           (6,8): -1
                      (6,9):0
```

305. Inequality 305 with incidence 35 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,5):2
                      (1,6): -1
                                 (1,7):1
                                            (1,8):0
                                                      (1,9): -1
(1,4):1
(2,4):-2
           (2,5):2
                      (2,6):1
                                 (2,7):2
                                            (2,8):2
                                                       (2,9):1
                                 (3,7):-3
(3,4):2
           (3,5):1
                      (3,6):2
                                            (3,8):2
                                                      (3,9):-2
(4,7):2
           (4,8):1
                      (4,9):2
                                (5,7): -3
                                           (5,8): -2
                                                       (5,9):2
           (6,8):-1
                      (6,9):0
(6,7):1
```

306. Inequality 306 with incidence 35 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,6):1
                                (1,7):1
                                                     (1,9):0
(1,4):1
          (1,5):1
                                           (1,8):0
                                           (2,8):2
                                                     (2,9):0
(2,4):-1
          (2,5):1
                     (2,6): -1
                                (2,7):1
                     (3,6):1
(3,4):-1
          (3,5):0
                               (3,7):-1
                                           (3,8):2
                                                     (3,9):1
(4,7):0
          (4,8):2
                     (4,9):1
                                (5,7):-1
                                                     (5,9):1
                                          (5,8):-2
(6,7):0
          (6,8):0
                     (6,9): -1
```

307. Inequality 307 with incidence 35 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-2
           (1,5):0
                      (1,6):1
                                 (1,7):1
                                           (1,8):1
                                                      (1,9):-1
(2,4):-1
           (2,5):-1
                      (2,6):-1
                                 (2,7):2
                                           (2,8):2
                                                      (2,9):1
(3,4):1
           (3,5):0
                      (3,6):1
                                 (3,7): -3
                                           (3,8):2
                                                      (3,9):1
(4,7):2
                     (4,9): -2
           (4,8):2
                                 (5,7):1
                                           (5,8):1
                                                      (5,9):1
(6,7):1
           (6,8):0
                      (6,9):0
```

308. Inequality 308 with incidence 35 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):1
                                                      (1,9):-1
(1,4):1
           (1,5):2
                     (1,6): -1
                                           (1,8):2
                                                      (2,9):2
(2,4):-2
          (2,5):0
                     (2,6): -1
                                (2,7):2
                                           (2,8):3
(3,4):0
          (3,5):0
                                (3,7): -3
                                                      (3,9):-1
                     (3,6):1
                                           (3,8):3
                                                      (5,9):2
(4,7):1
          (4,8):1
                     (4,9):1
                                (5,7): -2
                                           (5,8):-2
(6,7):1
           (6,8):1
                     (6,9):1
```

309. Inequality 309 with incidence 35 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):0
          (1,5):0
                     (1,6):1
                                (1,7):1
                                           (1,8):1
                                                     (1,9):1
(2,4):-2
          (2,5):1
                                (2,7):1
                                                     (2,9):0
                     (2,6):1
                                           (2,8):1
(3,4): -2
          (3,5):1
                     (3,6):-1
                                (3,7):-1
                                           (3,8):2
                                                     (3,9):1
(4,7):0
          (4,8):2
                     (4,9):2
                                (5,7):0
                                          (5,8): -2
                                                     (5,9):2
(6,7):-1
          (6,8):0
                     (6,9):0
```

310. Inequality 310 with incidence 35 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-2
           (1,5):1
                     (1,6):2
                                (1,7):1
                                           (1,8):1
                                                     (1,9):-1
(2,4):-3
          (2,5):2
                                (2,7):1
                                           (2,8):2
                                                     (2,9):0
                     (2,6): -2
(3,4):-1
          (3,5):2
                     (3,6):1
                               (3,7):-1
                                           (3,8):2
                                                     (3,9):-1
                                          (5,8):-2
(4,7):1
          (4,8):3
                     (4,9):2
                                (5,7):0
                                                     (5,9):3
(6,7):0
           (6,8):0
                     (6,9):1
```

311. Inequality 311 with incidence 35 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,5):2
                      (1,6): -1
                                 (1,7):2
                                            (1,8):-1
                                                       (1,9): -2
(1,4):2
                                 (2,7):2
                                            (2,8):2
                                                       (2,9):0
(2,4):-3
           (2,5):2
                      (2,6):1
(3,4):2
           (3,5):0
                      (3,6):2
                                 (3,7): -3
                                            (3,8):1
                                                       (3,9): -2
(4,7):2
           (4,8):2
                      (4,9):3
                                 (5,7): -3
                                            (5,8):-1
                                                       (5,9):2
(6,7):2
           (6,8):-1
                      (6,9):1
```

312. Inequality 312 with incidence 35 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):1
                      (1,6):1
                                 (1,7):0
                                            (1,8):0
                                                       (1,9):-1
(2,4):-2
           (2,5):3
                      (2,6): -1
                                 (2,7):3
                                            (2,8):2
                                                       (2,9):-1
(3,4):-1
           (3,5):0
                      (3,6):2
                                 (3,7):-2
                                            (3,8):2
                                                       (3,9):-1
(4,7):1
           (4,8):4
                      (4,9):3
                                 (5,7): -3
                                            (5,8): -2
                                                       (5,9):3
(6,7):3
           (6,8): -2
                      (6,9):1
```

313. Inequality 313 with incidence 35 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
          (1,5):0
                    (1,6):1
                               (1,7):-1
                                          (1,8): -1
                                                     (1,9):-1
          (2,5):2
                                                     (2,9):2
(2,4):0
                    (2,6):2
                               (2,7):0
                                          (2,8):-2
          (3,5):1
                               (3,7):1
                                          (3,8):-2
                                                     (3,9):0
(3,4):1
                    (3,6): -1
                               (5,7):1
(4,7):1
                                          (5,8):2
                                                     (5,9): -2
          (4,8):2
                    (4,9):2
(6,7):0
          (6,8):1
                    (6,9):-1
```

314. Inequality 314 with incidence 35 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):2
                     (1,6): -1
                                 (1,7):1
                                           (1,8): -1
                                                      (1,9):-1
(1,4):2
(2,4):-2
           (2,5):2
                      (2,6):1
                                 (2,7):1
                                            (2,8):2
                                                      (2,9):0
                                (3,7):-3
(3,4):2
           (3,5):0
                      (3,6):2
                                            (3,8):1
                                                      (3,9):-2
(4,7):2
           (4,8):2
                      (4,9):2
                                (5,7):-3
                                           (5,8): -1
                                                      (5,9):2
(6,7):2
           (6,8):-1
                      (6,9):1
```

315. Inequality 315 with incidence 35 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,9):-1
(1,4):-2
           (1,5):2
                      (1,6):2
                                 (1,7):1
                                           (1,8):2
(2,4):-1
                                (2,7):1
                                                      (2,9):0
           (2,5):1
                     (2,6):-1
                                           (2,8):0
                      (3,6):1
(3,4):-1
           (3,5): -2
                                (3,7):-1
                                           (3,8):2
                                                      (3,9):1
(4,7):2
           (4,8):2
                      (4,9):2
                                                      (5,9):3
                                (5,7):-2
                                           (5,8):0
(6,7):1
           (6,8): -2
                      (6,9):1
```

316. Inequality 316 with incidence 35 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):1
                     (1,6): -1
                                (1,7):2
                                           (1,8):1
                                                     (1,9):0
                                                     (2,9):1
(2,4):-2
          (2,5):0
                     (2,6):1
                                (2,7):1
                                          (2,8):1
(3,4):-1
          (3,5):0
                    (3,6): -2
                               (3,7):-2
                                          (3,8):3
                                                     (3,9):2
                               (5,7):-1
                                                     (5,9):2
(4,7):2
          (4,8):2
                     (4,9):2
                                          (5,8):-2
(6,7):0
           (6,8):1
                     (6,9):1
```

317. Inequality 317 with incidence 35 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):0
          (1,5):0
                               (1,7):-1
                                          (1,8):1
                                                     (1,9):-1
                    (1,6):1
(2,4):2
          (2,5):1
                    (2,6): -1
                               (2,7):-1
                                          (2,8):-1
                                                     (2,9):0
          (3,5):0
                               (3,7):0
                                          (3,8): -1
                                                     (3,9):-1
(3,4):1
                    (3,6):1
(4,7):1
          (4,8):2
                    (4,9):2
                               (5,7):2
                                          (5,8):1
                                                     (5,9):-2
          (6,8):0
(6,7):1
                     (6,9):2
```

318. Inequality 318 with incidence 35 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):0
           (1,5):2
                      (1,6):2
                                 (1,7):2
                                           (1,8):0
                                                      (1,9): -2
(2,4):3
           (2,5): -2
                                 (2,7):2
                                           (2,8):3
                                                      (2,9):-1
                      (2,6):1
(3,4):3
           (3,5):0
                     (3,6):-1
                                 (3,7):-2
                                           (3,8):2
                                                      (3,9): -2
(4,7):0
          (4,8): -3
                      (4,9):3
                                 (5,7):0
                                           (5,8):3
                                                      (5,9):3
(6,7):-2
          (6,8):-1
                      (6,9):1
```

319. Inequality 319 with incidence 35 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
                      (1,6):1
           (1,5):-1
                                (1,7):-1
                                           (1,8): -1
                                                      (1,9):0
(2,4):0
                                (2,7):0
                                            (2,8):0
                                                      (2,9):0
           (2,5):1
                      (2,6):1
(3,4):-1
           (3,5):0
                      (3,6):2
                                (3,7):-1
                                            (3,8):2
                                                      (3,9):2
(4,7):2
           (4,8):2
                      (4,9):3
                                (5,7):-1
                                           (5,8): -2
                                                      (5,9):3
(6,7):1
           (6,8):-1
                     (6,9): -2
```

320. Inequality 320 with incidence 35 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):1
                     (1,6):2
                                (1,7):1
                                           (1,8):-1
                                                      (1,9):0
(1,4):1
           (2,5):3
                                (2,7):2
                                                      (2,9):0
(2,4):-3
                     (2,6): -1
                                           (2,8):3
(3,4): -2
          (3,5):0
                     (3,6):2
                                (3,7):0
                                           (3,8):2
                                                      (3,9):2
(4,7):1
           (4,8):3
                     (4,9):2
                                (5,7):-2
                                           (5,8): -2
                                                      (5,9):2
(6,7): -2
           (6,8):1
                     (6,9): -2
```

321. Inequality 321 with incidence 35 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-2
           (1,5): -2
                                 (1,7):-1
                                            (1,8):2
                                                      (1,9):4
                      (1,6): -1
(2,4):-3
           (2,5):2
                      (2,6):1
                                 (2,7):2
                                            (2,8):3
                                                      (2,9):1
(3,4):0
           (3,5):0
                      (3,6):1
                                 (3,7):-1
                                            (3,8):3
                                                      (3,9): -3
                                                      (5,9):2
(4,7):1
           (4,8):3
                      (4,9):3
                                 (5,7): -2
                                            (5,8):0
(6,7):1
           (6,8):-1
                      (6,9):1
```

322. Inequality 322 with incidence 35 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):0
           (1,5):2
                     (1,6):1
                                (1,7):-1
                                           (1,8):1
                                                      (1,9):-1
(2,4):-2
           (2,5):2
                     (2,6): -3
                                (2,7):3
                                           (2,8):4
                                                      (2,9): -2
(3,4):0
           (3,5):0
                                (3,7):-2
                                           (3,8):2
                     (3,6):1
                                                      (3,9):1
                                           (5,8): -2
                                                      (5,9):2
(4,7):2
           (4,8):2
                                (5,7):0
                     (4,9):2
(6,7):2
           (6,8):1
                     (6,9): -2
```

323. Inequality 323 with incidence 35 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):-2
                     (1,6):1
                                (1,7):0
                                                      (1,9): -2
(1,4):2
                                           (1,8):1
(2,4):2
           (2,5):2
                     (2,6):1
                                (2,7): -2
                                           (2,8): -2
                                                      (2,9):-1
                                (3,7):2
                                           (3,8): -2
(3,4):0
           (3,5):0
                     (3,6):0
                                                      (3,9):0
(4,7):3
           (4,8):1
                     (4,9):2
                                (5,7):2
                                           (5,8):3
                                                      (5,9):-1
(6,7):-1
           (6,8):1
                     (6,9):2
```

324. Inequality 324 with incidence 35 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
          (1,5): -2
                     (1,6):3
                                (1,7):-1
                                           (1,8):2
                                                      (1,9): -3
(2,4):1
          (2,5):3
                                (2,7):-3
                                                      (2,9):1
                     (2,6):1
                                           (2,8):3
                     (3,6): -2
(3,4):1
          (3,5):0
                                (3,7):3
                                           (3,8):3
                                                      (3,9):1
(4,7):0
          (4,8): -2
                     (4,9):1
                                (5,7):2
                                                      (5,9):-2
                                           (5,8):-1
          (6,8): -1
(6,7):3
                     (6,9):2
```

325. Inequality 325 with incidence 35 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):0
           (1,5):0
                      (1,6):-1
                                 (1,7):1
                                            (1,8):-1
                                                       (1,9):1
(2,4):-4
           (2,5):3
                      (2,6):-1
                                 (2,7):4
                                            (2,8):3
                                                       (2,9):1
(3,4):-2
           (3,5):0
                      (3,6):1
                                 (3,7):-2
                                            (3,8):3
                                                       (3,9):2
(4,7):2
           (4,8):4
                      (4,9):4
                                 (5,7): -3
                                           (5,8): -3
                                                       (5,9):3
           (6,8): -2
(6,7):2
                      (6,9):1
```

326. Inequality 326 with incidence 35 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,7):-1
(1,4):0
           (1,5):2
                      (1,6):2
                                            (1,8):3
                                                       (1,9): -2
(2,4):-2
           (2,5):3
                                 (2,7):2
                                            (2,8):2
                                                       (2,9):0
                      (2,6): -1
(3,4):-1
                                 (3,7):-1
           (3,5):-1
                      (3,6):1
                                            (3,8):1
                                                       (3,9):1
(4,7):1
           (4,8):3
                      (4,9):3
                                 (5,7):-2
                                           (5,8):-3
                                                       (5,9):3
(6,7):1
           (6,8): -2
                      (6,9):1
```

327. Inequality 327 with incidence 35 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):1
          (1,5): -1
                     (1,6):1
                                (1,7):1
                                           (1,8):0
                                                     (1,9): -2
                     (2,6):0
(2,4):2
                                (2,7):-2
                                           (2,8):2
                                                     (2,9):-1
          (2,5):1
(3,4):0
          (3,5):-1
                     (3,6): -1
                                (3,7):2
                                           (3,8):2
                                                      (3,9):0
(4,7):1
          (4,8): -2
                     (4,9):2
                                (5,7):2
                                           (5,8):0
                                                     (5,9):-1
(6,7):0
                     (6,9):2
          (6,8):2
```

328. Inequality 328 with incidence 35 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4): -2
           (1,5):0
                      (1,6): -2
                                 (1,7):2
                                            (1,8):0
                                                       (1,9):2
(2,4):-1
           (2,5):2
                                 (2,7):2
                                            (2,8):2
                                                       (2,9):-1
                      (2,6):0
(3,4): -2
           (3,5):0
                      (3,6):2
                                 (3,7):-2
                                            (3,8):3
                                                       (3,9):1
(4,7):1
                                            (5,8):-2
           (4,8):3
                      (4,9):3
                                 (5,7): -2
                                                       (5,9):2
           (6,8): -2
                      (6,9):1
(6,7):3
```

329. Inequality 329 with incidence 35 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):0
                      (1,6): -2
                                  (1,7):2
                                             (1,8):0
                                                        (1,9):2
(1,4):-2
           (2,5):3
                                 (2,7):3
                                                       (2,9):-2
(2,4):-1
                      (2,6):0
                                            (2,8):3
(3,4): -2
           (3,5): -2
                      (3,6):2
                                 (3,7): -3
                                            (3,8):3
                                                       (3,9):2
(4,7):1
           (4,8):3
                      (4,9):3
                                 (5,7): -3
                                            (5,8):-1
                                                        (5,9):3
(6,7):4
           (6,8): -2
                      (6,9):2
```

330. Inequality 330 with incidence 35 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):-1
                                 (1,7):-1
                                             (1,8):2
                                                        (1,9):2
                      (1,6): -1
(2,4): -2
           (2,5):4
                      (2,6):0
                                 (2,7):4
                                             (2,8):4
                                                       (2,9): -2
(3,4):-1
           (3,5):3
                      (3,6):1
                                 (3,7): -3
                                             (3,8):3
                                                       (3,9): -3
(4,7):1
           (4,8):3
                      (4,9):2
                                 (5,7):-1
                                            (5,8): -3
                                                        (5,9):4
(6,7):0
           (6,8):1
                      (6,9):1
```

331. Inequality 331 with incidence 35 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
          (1,5):2
                     (1,6):2
                                (1,7):2
                                           (1,8): -1
                                                     (1,9):0
          (2,5):2
                                           (2,8):2
                                                     (2,9):0
(2,4):-3
                     (2,6): -2
                                (2,7):1
          (3,5):0
                                (3,7):0
                                                     (3,9):1
(3,4):-1
                     (3,6):1
                                           (3,8):1
(4,7):2
          (4,8):2
                                (5,7):-2
                     (4,9):3
                                          (5,8):-1
                                                     (5,9):3
          (6,8):1
                     (6,9): -1
(6,7):-1
```

332. Inequality 332 with incidence 35 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):1
(1,4):1
           (1,5):-1
                                (1,7):-1
                                                      (1,9):0
                                           (1,8):0
(2,4):-1
           (2,5):3
                      (2,6):2
                                (2,7):1
                                           (2,8):3
                                                      (2,9): -2
                                (3,7):-1
                                                      (3,9):2
(3,4):-2
           (3,5): -2
                     (3,6):1
                                           (3,8):2
(4,7):2
           (4,8):3
                     (4,9):3
                                (5,7): -3
                                           (5,8):-1
                                                      (5,9):4
(6,7):2
           (6,8): -3
                      (6,9):1
```

333. Inequality 333 with incidence 35 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):0
                                (1,7):1
                                                     (1,9):1
(1,4):-2
                     (1,6): -1
                                           (1,8):1
                                                     (2,9):2
(2,4):-3
           (2,5):1
                     (2,6):2
                                (2,7):3
                                           (2,8):1
(3,4): -2
           (3,5):0
                                (3,7):-2
                                           (3,8):2
                                                     (3,9):2
                     (3,6):0
(4,7):2
          (4,8):3
                     (4,9):4
                                (5,7):-1
                                                     (5,9):2
                                          (5,8):-2
(6,7):-1
           (6,8):1
                     (6,9): -1
```

334. Inequality 334 with incidence 35 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):0
          (1,5):1
                     (1,6):1
                                (1,7):0
                                           (1,8):0
                                                     (1,9):0
                                                     (2,9):1
(2,4):-4
          (2,5):3
                     (2,6):1
                                (2,7):4
                                           (2,8):3
(3,4): -2
          (3,5):1
                     (3,6):-1
                               (3,7):-2
                                           (3,8):3
                                                     (3,9):1
(4,7):2
                                (5,7):-2
          (4,8):4
                     (4,9):4
                                          (5,8):-4
                                                     (5,9):3
          (6,8):2
(6,7): -2
                     (6,9): -1
```

335. Inequality 335 with incidence 35 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
                                 (1,7):2
           (1,5):0
                     (1,6): -2
                                           (1,8):-1
                                                      (1,9):2
(2,4):-4
           (2,5):3
                      (2,6):1
                                 (2,7):3
                                           (2,8):4
                                                      (2,9):1
(3,4):-2
           (3,5):0
                                (3,7):-2
                                           (3,8):2
                                                      (3,9):2
                      (3,6):0
                                           (5,8):-3
(4,7):2
           (4,8):4
                      (4,9):5
                                (5,7): -3
                                                      (5,9):3
(6,7):2
           (6,8): -2
                      (6,9):1
```

336. Inequality 336 with incidence 35 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):-1
                      (1,6):0
                                 (1,7):1
                                           (1,8):-1
                                                      (1,9):2
           (2,5):3
(2,4):-4
                      (2,6): -1
                                 (2,7):4
                                            (2,8):3
                                                      (2,9):1
(3,4):-2
           (3,5):0
                      (3,6):1
                                 (3,7):-2
                                            (3,8):3
                                                      (3,9):2
(4,7):2
           (4,8):3
                      (4,9):4
                                (5,7):-2
                                           (5,8):-3
                                                      (5,9):3
(6,7):1
           (6,8):-1
                      (6,9):0
```

337. Inequality 337 with incidence 35 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):3
                      (1,6):1
                                 (1,7): -3
                                            (1,8):1
                                                       (1,9): -2
(2,4):-2
           (2,5):3
                      (2,6):0
                                 (2,7):3
                                            (2,8):3
                                                       (2,9):-1
(3,4):0
           (3,5): -1
                      (3,6):1
                                 (3,7): -3
                                            (3,8):2
                                                       (3,9):1
(4,7):4
                                            (5,8):-3
           (4,8):2
                      (4,9):2
                                 (5,7):-1
                                                       (5,9):3
(6,7):2
           (6,8):-1
                      (6,9):-1
```

338. Inequality 338 with incidence 35 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):2
                     (1,6):2
                               (1,7):1
                                          (1,8):0
                                                     (1,9): -2
(1,4):1
                     (2,6):1
                               (2,7):2
                                          (2,8):1
                                                     (2,9):1
(2,4):-2
          (2,5):1
(3,4):0
          (3,5):0
                     (3,6):0
                               (3,7):-1
                                          (3,8):1
                                                     (3,9):0
(4,7):2
           (4,8):1
                     (4,9):2
                               (5,7): -2
                                          (5,8): -3
                                                     (5,9):2
           (6,8):2
(6,7): -2
                     (6,9):1
```

339. Inequality 339 with incidence 35 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):0
           (1,5):2
                     (1,6):4
                                (1,7): -2
                                           (1,8):4
                                                     (1,9):-4
(2,4):-3
           (2,5):3
                     (2,6):0
                                (2,7):3
                                           (2,8):3
                                                      (2,9):0
(3,4):-3
           (3,5):-4
                     (3,6):2
                                (3,7): -3
                                           (3,8):4
                                                      (3,9):4
(4,7):3
           (4,8):6
                     (4,9):3
                                (5,7): -5
                                          (5,8):-1
                                                      (5,9):5
                     (6,9):2
(6,7):4
           (6,8):-4
```

340. Inequality 340 with incidence 35 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):2
                      (1,6):1
                                (1,7):-2
                                           (1,8):0
                                                      (1,9):-1
(2,4):-2
           (2,5):2
                                           (2,8):2
                      (2,6):1
                                (2,7):1
                                                      (2,9):0
          (3,5):-1
                                (3,7):-3
(3,4):0
                     (3,6):1
                                           (3,8):2
                                                      (3,9):1
                                           (5,8):-2
(4,7):3
           (4,8):2
                      (4,9):1
                                (5,7):-1
                                                      (5,9):2
(6,7):2
           (6,8):0
                     (6,9): -1
```

341. Inequality 341 with incidence 35 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):0
                      (1,6): -2
                                 (1,7):2
                                            (1,8):-1
                                                       (1,9):2
(2,4):-2
           (2,5):2
                      (2,6):0
                                 (2,7):2
                                            (2,8):2
                                                      (2,9):0
                                 (3,7):-1
                                            (3,8):2
(3,4):-1
           (3,5):0
                      (3,6):1
                                                      (3,9):1
(4,7):2
           (4,8):3
                      (4,9):3
                                 (5,7): -3
                                           (5,8): -2
                                                      (5,9):3
           (6,8): -2
(6,7):2
                      (6,9):1
```

342. Inequality 342 with incidence 35 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,8):0
                                                     (1,9): -2
(1,4):2
           (1,5):2
                      (1,6):2
                                (1,7):0
                                           (2,8):2
                                                     (2,9):1
(2,4):1
           (2,5): -3
                      (2,6):2
                                (2,7):1
(3,4):-3
           (3,5):1
                                (3,7):0
                                           (3,8):2
                                                     (3,9): -3
                      (3,6):3
           (4,8):0
                     (4,9):-1
                                                     (5,9):3
(4,7):1
                                (5,7):1
                                          (5,8):2
(6,7):-1
           (6,8): -2
                      (6,9):2
```

343. Inequality 343 with incidence 35 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):1
                      (1,6):1
                                 (1,7):0
                                            (1,8):-1
                                                       (1,9): -2
           (2,5): -2
(2,4):2
                      (2,6):1
                                 (2,7):2
                                            (2,8):2
                                                       (2,9):-1
(3,4):1
           (3,5):2
                      (3,6): -2
                                 (3,7):-2
                                            (3,8):2
                                                       (3,9):-1
(4,7):-1
           (4,8): -1
                      (4,9):2
                                 (5,7):2
                                            (5,8):1
                                                       (5,9):2
                      (6,9):2
(6,7):-1
           (6,8):1
```

344. Inequality 344 with incidence 35 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,7):3
                                                    (1,9):-3
(1,4):2
           (1,5):0
                     (1,6):4
                                          (1,8): -2
(2,4):-2
          (2,5): -3
                     (2,6):1
                               (2,7):3
                                          (2,8):2
                                                     (2,9):1
                               (3,7):0
                                                    (3,9):-4
(3,4): -2
           (3,5):3
                     (3,6):3
                                          (3,8):2
(4,7):0
           (4,8):2
                     (4,9):0
                               (5,7):3
                                          (5,8):0
                                                     (5,9):3
(6,7): -3
           (6,8):0
                     (6,9):3
```

345. Inequality 345 with incidence 35 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):3
           (1,5):3
                      (1,6):0
                                 (1,7):3
                                            (1,8):0
                                                       (1,9):-3
(2,4):-3
           (2,5):3
                      (2,6): -1
                                 (2,7):3
                                                       (2,9):1
                                            (2,8):3
(3,4):-1
           (3,5):0
                      (3,6):2
                                 (3,7):-2
                                            (3,8):2
                                                       (3,9):-1
(4,7):-1
           (4,8):4
                      (4,9):4
                                 (5,7):-5
                                            (5,8): -3
                                                       (5,9):2
           (6,8): -2
(6,7):4
                      (6,9):3
```

346. Inequality 346 with incidence 35 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):0
                      (1,6): -2
                                 (1,7):2
                                            (1,8): -1
                                                       (1,9):2
(2,4):-1
           (2,5):2
                                 (2,7):2
                                            (2,8):2
                                                       (2,9):-1
                      (2,6):0
(3,4):-1
           (3,5): -2
                      (3,6): -2
                                 (3,7):0
                                            (3,8):2
                                                       (3,9):3
(4,7):0
           (4,8):1
                      (4,9):0
                                 (5,7): -2
                                            (5,8):0
                                                       (5,9):2
(6,7):2
           (6,8):0
                      (6,9):2
```

347. Inequality 347 with incidence 35 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):-1
           (1,5):1
                     (1,6):1
                                (1,7):0
                                           (1,8):0
                                                     (1,9):-1
                                                     (2,9):-1
(2,4):-1
          (2,5):1
                     (2,6): -1
                                (2,7):1
                                           (2,8):1
(3,4):0
          (3,5):0
                     (3,6):-1
                                (3,7):1
                                           (3,8):1
                                                     (3,9):1
(4,7):1
           (4,8):3
                     (4,9): -2
                                (5,7):-3
                                           (5,8):3
                                                     (5,9):2
           (6,8):2
(6,7):2
                     (6,9):1
```

348. Inequality 348 with incidence 34 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):-1
           (1,5):-1
                                 (1,7):1
                                           (1,8):1
                                                      (1,9):1
                      (1,6):1
(2,4):-1
           (2,5):2
                      (2,6):1
                                 (2,7):1
                                           (2,8):1
                                                     (2,9):0
(3,4):1
           (3,5): -1
                      (3,6):1
                                (3,7):-2
                                           (3,8):1
                                                     (3,9):0
(4,7):2
           (4,8):0
                      (4,9):1
                                (5,7):-1
                                           (5,8):0
                                                     (5,9):1
(6,7):1
          (6,8): -1
                     (6,9):-1
```

349. Inequality 349 with incidence 34 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):-1
           (1,5):2
                      (1,6):2
                                 (1,7):-2
                                            (1,8):2
                                                      (1,9):1
(2,4):-3
                                                      (2,9):2
           (2,5):0
                      (2,6): -1
                                 (2,7):2
                                            (2,8):2
                                            (3,8):1
(3,4):-1
                                (3,7):-2
                                                      (3,9):2
           (3,5): -2
                      (3,6):2
(4,7):1
           (4,8):3
                      (4,9):3
                                 (5,7):0
                                           (5,8): -3
                                                      (5,9):3
(6,7):3
           (6,8):-1
                      (6,9):-1
```

350. Inequality 350 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):0
                     (1,6):2
                                (1,7):2
                                                      (1,9):-3
          (1,5):3
                                           (1,8): -2
(2,4):1
          (2,5):-1
                     (2,6):1
                                (2,7):-1
                                           (2,8):1
                                                      (2,9):-1
(3,4):1
                                (3,7):3
                                                      (3,9):-2
          (3,5):2
                     (3,6): -2
                                           (3,8):2
(4,7):2
                                                      (5,9):2
          (4,8): -1
                     (4,9):3
                                (5,7): -3
                                           (5,8):1
          (6,8):1
                     (6,9):1
(6,7):1
```

351. Inequality 351 with incidence 34 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,6):1
                                 (1,7):1
(1,4):2
           (1,5):4
                                            (1,8):2
                                                       (1,9): -2
(2,4):-4
           (2,5):2
                                                       (2,9):2
                      (2,6):2
                                 (2,7):2
                                            (2,8):4
                      (3,6): -1
(3,4):-1
           (3,5):2
                                 (3,7):-1
                                            (3,8):2
                                                       (3,9):-1
(4,7):1
           (4,8):2
                      (4,9):2
                                 (5,7):-2
                                                       (5,9):2
                                           (5,8):-4
           (6,8): -2
                      (6,9):-1
(6,7):1
```

352. Inequality 352 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):2
                     (1,6):2
                                (1,7):1
                                          (1,8):0
                                                    (1,9): -3
                                                     (2,9):0
(2,4):-4
           (2,5):3
                     (2,6):1
                                (2,7):3
                                          (2,8):3
(3,4):0
          (3,5): -3
                     (3,6):4
                               (3,7):-3
                                          (3,8):3
                                                    (3,9):-1
(4,7):2
           (4,8):3
                     (4,9):3
                               (5,7):-4
                                          (5,8):0
                                                     (5,9):2
(6,7):1
          (6,8): -3
                     (6,9):3
```

353. Inequality 353 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):1
                                                       (1,9):-1
(1,4):2
           (1,5):1
                      (1,6):2
                                            (1,8):1
(2,4):-2
           (2,5):1
                      (2,6):2
                                 (2,7):2
                                            (2,8):3
                                                       (2,9):0
(3,4):-1
                                 (3,7):-2
           (3,5):2
                      (3,6):1
                                            (3,8):3
                                                       (3,9):-1
(4,7):0
           (4,8):2
                      (4,9):1
                                 (5,7):0
                                            (5,8): -2
                                                       (5,9):2
(6,7):-1
           (6,8): -3
                      (6,9): -1
```

354. Inequality 354 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
          (1,5):1
                     (1,6):2
                                (1,7):1
                                          (1,8):-1
                                                     (1,9):-3
(2,4):-2
          (2,5):1
                     (2,6):2
                                (2,7):2
                                           (2,8):3
                                                     (2,9):0
(3,4):1
          (3,5):2
                     (3,6):-1
                               (3,7): -2
                                           (3,8):2
                                                     (3,9): -2
(4,7):1
          (4,8):2
                     (4,9):2
                                (5,7):0
                                          (5,8):-2
                                                     (5,9):2
(6,7):-2
          (6,8):0
                     (6,9):1
```

355. Inequality 355 with incidence 34 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):-1
           (1,5):0
                     (1,6):1
                                (1,7):-1
                                           (1,8):0
                                                      (1,9):1
(2,4): -2
           (2,5):0
                                (2,7):1
                                           (2,8):2
                                                      (2,9):2
                     (2,6): -1
(3,4):-1
           (3,5):0
                     (3,6):1
                                (3,7):-1
                                           (3,8):1
                                                      (3,9):0
           (4,8):2
(4,7):0
                     (4,9):2
                                (5,7):0
                                           (5,8): -2
                                                      (5,9):2
           (6,8):1
                     (6,9):1
(6,7):1
```

356. Inequality 356 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):1
                      (1,6):1
                                  (1,7):1
                                             (1,8):0
                                                       (1,9): -2
(1,4):1
(2,4):-3
                                 (2,7):3
                                                        (2,9):2
           (2,5):1
                      (2,6): -2
                                             (2,8):1
(3,4):-1
           (3,5): -1
                      (3,6):1
                                 (3,7):-1
                                             (3,8):1
                                                        (3,9):1
(4,7):1
           (4,8):3
                      (4,9):3
                                 (5,7): -2
                                            (5,8):-1
                                                        (5,9):2
(6,7):2
           (6,8): -2
                      (6,9):2
```

357. Inequality 357 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):-1
                      (1,6):3
                                (1,7):-1
                                           (1,8):1
                                                      (1,9):2
(2,4):-3
           (2,5):1
                      (2,6):3
                                 (2,7):2
                                           (2,8):3
                                                      (2,9):2
(3,4):-1
           (3,5):0
                      (3,6):1
                                (3,7):-1
                                           (3,8):3
                                                     (3,9):-2
                                                      (5,9):1
(4,7):1
           (4,8):2
                      (4,9):1
                                (5,7):-1
                                           (5,8):0
                     (6,9): -2
(6,7):0
           (6,8): -3
```

358. Inequality 358 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5): -2
                      (1,6):3
                                 (1,7): -2
                                            (1,8): -1
                                                       (1,9):1
(2,4):-3
                                 (2,7):2
                                            (2,8):2
           (2,5):3
                      (2,6):3
                                                       (2,9):1
           (3,5):0
                                 (3,7):-2
(3,4):1
                      (3,6):1
                                            (3,8):1
                                                       (3,9):-1
                                 (5,7):-2
(4,7):2
           (4,8):1
                      (4,9):2
                                            (5,8):-1
                                                       (5,9):2
(6,7):2
           (6,8):0
                      (6,9): -1
```

359. Inequality 359 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-3
           (1,5):2
                     (1,6):3
                                (1,7):2
                                                      (1,9): -2
                                           (1,8):2
(2,4):-3
          (2,5):0
                     (2,6): -3
                                (2,7):3
                                           (2,8):4
                                                      (2,9):1
           (3,5):2
                                (3,7):-3
                                                      (3,9):-1
(3,4):-1
                     (3,6): -2
                                           (3,8):5
(4,7):2
                                                      (5,9):2
           (4,8):4
                     (4,9):1
                                (5,7):0
                                           (5,8): -2
(6,7):0
           (6,8):3
                     (6,9):1
```

360. Inequality 360 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,9):-3
(1,4):-2
           (1,5):1
                      (1,6):2
                                (1,7):1
                                           (1,8):3
(2,4):-4
                                (2,7):4
                                           (2,8):2
                                                     (2,9):2
           (2,5):2
                     (2,6): -2
           (3,5):-3
                     (3,6):2
(3,4):-2
                                (3,7):-3
                                           (3,8):3
                                                     (3,9):3
(4,7):2
                      (4,9):2
                                                     (5,9):3
           (4,8):4
                                (5,7):-3
                                           (5,8):0
(6,7):3
                      (6,9):3
           (6,8): -2
```

361. Inequality 361 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):2
                      (1,6):1
                                 (1,7):2
                                            (1,8):1
                                                       (1,9):-1
(2,4):-1
           (2,5):0
                      (2,6): -2
                                 (2,7):2
                                            (2,8):1
                                                       (2,9):2
(3,4):-1
           (3,5):-1
                      (3,6):1
                                 (3,7):-2
                                            (3,8):2
                                                       (3,9):1
                                 (5,7): -2
(4,7):1
           (4,8):1
                      (4,9):1
                                            (5,8):-1
                                                       (5,9):2
(6,7):1
           (6,8):0
                      (6,9):1
```

362. Inequality 362 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):0
                                (1,7):1
                                                     (1,9):1
(1,4):1
                     (1,6):2
                                          (1,8):-1
          (2,5):1
                                           (2,8):2
(2,4):-2
                     (2,6):0
                                (2,7):2
                                                     (2,9):1
          (3,5):0
                                (3,7):-1
                                                     (3,9):1
(3,4): -2
                     (3,6):1
                                           (3,8):1
(4,7):0
          (4,8):2
                     (4,9):1
                                (5,7):-1
                                          (5,8):-1
                                                     (5,9):1
(6,7):-1
          (6,8):1
                     (6,9):-1
```

363. Inequality 363 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):0
                      (1,6):1
                                 (1,7):0
                                           (1,8):-1
                                                      (1,9):1
                                (2,7):-1
(2,4):2
           (2,5):-1
                                                      (2,9):0
                      (2,6):1
                                           (2,8):-1
(3,4):0
           (3,5):2
                      (3,6):2
                                 (3,7):2
                                           (3,8): -2
                                                      (3,9):0
(4,7):2
           (4,8):1
                      (4,9):2
                                (5,7):-2
                                            (5,8):1
                                                      (5,9):2
(6,7):-1
           (6,8):2
                     (6,9):-1
```

364. Inequality 364 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
          (1,5): -1
                     (1,6):1
                                (1,7):1
                                           (1,8): -1
                                                      (1,9): -2
(2,4):5
          (2,5):4
                     (2,6):2
                                (2,7):-5
                                           (2,8):-3
                                                      (2,9):-1
                                                      (3,9):0
(3,4):3
          (3,5):0
                     (3,6): -3
                                (3,7):3
                                           (3,8):-3
(4,7):1
          (4,8):6
                     (4,9):5
                                (5,7):4
                                           (5,8):3
                                                      (5,9):-4
(6,7):4
          (6,8): -2
                     (6,9):2
```

365. Inequality 365 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):1
                      (1,6):1
                                 (1,7):1
                                            (1,8):2
                                                       (1,9): -2
                                            (2,8):2
                                                       (2,9):3
(2,4):-3
           (2,5):0
                      (2,6): -1
                                 (2,7):3
(3,4): -2
           (3,5):1
                      (3,6):-1
                                 (3,7): -3
                                            (3,8):3
                                                       (3,9):2
(4,7):1
           (4,8):3
                      (4,9):2
                                 (5,7):0
                                            (5,8):-1
                                                       (5,9):1
(6,7):0
           (6,8):-1
                      (6,9):2
```

366. Inequality 366 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):0
                     (1,6):1
                                (1,7):0
                                                      (1,9):1
                                           (1,8):-1
(2,4):-4
           (2,5):2
                     (2,6): -1
                                (2,7):4
                                           (2,8):3
                                                      (2,9):2
(3,4):-3
           (3,5):0
                     (3,6):1
                                (3,7): -3
                                           (3,8):3
                                                      (3,9):2
                                                      (5,9):2
(4,7):1
           (4,8):3
                     (4,9):4
                                (5,7): -2
                                           (5,8): -2
(6,7):2
           (6,8):0
                     (6,9):1
```

367. Inequality 367 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
          (1,5):-1
                     (1,6):2
                               (1,7):-1
                                          (1,8):1
                                                     (1,9):0
                                                     (2,9):1
(2,4):-4
           (2,5):3
                     (2,6):0
                               (2,7):4
                                          (2,8):4
                               (3,7):-2
                                                     (3,9):2
(3,4): -2
           (3,5):0
                     (3,6):0
                                          (3,8):2
                               (5,7):-2
                                          (5,8):-2
                                                     (5,9):2
           (4,8):3
(4,7):1
                     (4,9):3
(6,7):2
          (6,8): -2
                     (6,9):2
```

368. Inequality 368 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):1
(1,4):3
           (1,5):3
                                 (1,7):0
                                            (1,8):3
                                                       (1,9): -2
(2,4):-4
           (2,5):3
                      (2,6): -1
                                 (2,7):4
                                            (2,8):3
                                                       (2,9):1
                                 (3,7):-3
(3,4): -2
           (3,5):0
                      (3,6):2
                                            (3,8):5
                                                       (3,9):2
(4,7):3
           (4,8):2
                      (4,9):4
                                (5,7):-3
                                           (5,8):-5
                                                       (5,9):2
           (6,8): -2
                      (6,9):-1
(6,7):1
```

369. Inequality 369 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):2
                                                     (1,9): -2
(1,4):2
          (1,5): -4
                     (1,6):1
                                           (1,8):1
(2,4):3
          (2,5):3
                                (2,7):-3
                                          (2,8):-3
                                                     (2,9):-1
                     (2,6):1
                     (3,6): -2
(3,4):2
          (3,5):2
                                (3,7):3
                                          (3,8): -3
                                                      (3,9):2
(4,7):0
          (4,8):2
                     (4,9):1
                                (5,7):3
                                                     (5,9):-2
                                           (5,8):4
(6,7):1
          (6,8):1
                     (6,9):2
```

370. Inequality 370 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):1
                     (1,6):1
                                (1,7):1
                                           (1,8):-1
                                                      (1,9): -2
                                                      (2,9):1
(2,4):-3
           (2,5):3
                     (2,6):2
                                (2,7):2
                                           (2,8):3
(3,4):-1
           (3,5):3
                     (3,6): -2
                                (3,7):-1
                                           (3,8):3
                                                      (3,9): -2
                     (4,9):3
                                (5,7):-1
(4,7):0
           (4,8):3
                                           (5,8): -3
                                                      (5,9):3
(6,7):-1
           (6,8):1
                     (6,9):-1
```

371. Inequality 371 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):0
                                                     (1,9):2
(1,4):-1
          (1,5):-1
                     (1,6):1
                                          (1,8):1
(2,4):-1
          (2,5):1
                     (2,6):1
                                (2,7):1
                                          (2,8):0
                                                     (2,9):0
                               (3,7):-2
                                                    (3,9):-2
(3,4):1
          (3,5): -1
                     (3,6):2
                                          (3,8):2
(4,7):2
           (4,8):1
                     (4,9):2
                               (5,7):-2
                                          (5,8):1
                                                     (5,9):2
(6,7):1
          (6,8):-1
                     (6,9):0
```

372. Inequality 372 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):2
                      (1,6):1
                                 (1,7):-1
                                            (1,8):1
                                                       (1,9):-1
                                 (2,7):3
(2,4): -2
           (2,5):2
                      (2,6): -1
                                            (2,8):2
                                                       (2,9):0
(3,4):0
           (3,5): -1
                      (3,6):1
                                 (3,7): -3
                                            (3,8):2
                                                       (3,9):1
(4,7):3
           (4,8):1
                      (4,9):2
                                 (5,7): -2
                                            (5,8):-2
                                                       (5,9):1
(6,7):2
           (6,8):0
                      (6,9):-1
```

373. Inequality 373 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):3
                     (1,6):2
                                (1,7):1
                                           (1,8):1
                                                      (1,9): -2
(2,4):0
          (2,5):3
                                (2,7):2
                                           (2,8):2
                                                      (2,9): -2
                     (2,6): -3
(3,4):-1
          (3,5):0
                     (3,6):1
                                (3,7):-1
                                           (3,8):2
                                                      (3,9):1
                                           (5,8):-2
(4,7):1
          (4,8):1
                     (4,9):2
                                (5,7): -2
                                                      (5,9):2
          (6,8):0
                     (6,9):-1
(6,7):1
```

374. Inequality 374 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):2
                     (1,6):1
                               (1,7):1
                                          (1,8):0
                                                     (1,9): -2
(1,4):2
                     (2,6):1
                               (2,7):2
                                          (2,8):2
                                                     (2,9):1
(2,4):-3
          (2,5):1
(3,4):0
          (3,5):0
                     (3,6):1
                               (3,7): -2
                                          (3,8):2
                                                     (3,9):-1
(4,7):1
           (4,8):2
                     (4,9):2
                               (5,7): -2
                                          (5,8): -2
                                                     (5,9):1
(6,7):0
           (6,8):0
                     (6,9):1
```

375. Inequality 375 with incidence 34 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):1
           (1,5):2
                     (1,6):2
                                (1,7):0
                                           (1,8):2
                                                     (1,9): -3
(2,4): -2
           (2,5):0
                     (2,6):1
                                (2,7):2
                                          (2,8):1
                                                     (2,9):2
(3,4):0
          (3,5): -2
                     (3,6):2
                                (3,7):-3
                                          (3,8):2
                                                     (3,9):1
(4,7):2
                                                     (5,9):2
          (4,8):1
                     (4,9):2
                               (5,7):-2
                                          (5,8):0
                     (6,9):0
(6,7):1
          (6,8): -2
```

376. Inequality 376 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-2
           (1,5):0
                     (1,6): -2
                                 (1,7):3
                                           (1,8):2
                                                     (1,9):1
                                                     (2,9): -2
(2,4):-2
           (2,5):2
                                (2,7):2
                                           (2,8):2
                      (2,6):2
(3,4):0
                                (3,7):-4
          (3,5): -2
                      (3,6):2
                                           (3,8):3
                                                     (3,9):1
           (4,8):2
                                                     (5,9):2
(4,7):3
                      (4,9):1
                                (5,7):-2
                                           (5,8):0
(6,7):2
           (6,8):-1
                      (6,9):1
```

377. Inequality 377 with incidence 34 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,6):1
           (1,5):2
                                (1,7):1
                                           (1,8):0
                                                     (1,9): -2
(1,4):2
(2,4):-3
           (2,5):2
                     (2,6):1
                                (2,7):2
                                           (2,8):3
                                                      (2,9):1
                                (3,7):-2
                                                     (3,9):-1
(3,4):0
          (3,5):-1
                     (3,6):2
                                           (3,8):2
                                                      (5,9):2
(4,7):1
           (4,8):3
                     (4,9):3
                                (5,7):-4
                                          (5,8): -1
(6,7):2
           (6,8): -3
                     (6,9):1
```

378. Inequality 378 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,9):2
(1,4):-2
          (1,5):-1
                     (1,6):1
                                (1,7):1
                                           (1,8):1
(2,4):0
                     (2,6):2
                                (2,7):0
                                                     (2,9):0
           (2,5):2
                                           (2,8):0
                     (3,6):2
(3,4):1
          (3,5): -2
                                (3,7):-2
                                           (3,8):2
                                                     (3,9):-1
(4,7):2
                     (4,9):2
                                                     (5,9):2
           (4,8):1
                                (5,7):-2
                                           (5,8):1
(6,7):1
                     (6,9):-1
          (6,8):-1
```

379. Inequality 379 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):0
          (1,5):2
                     (1,6): -1
                                (1,7):1
                                           (1,8):1
                                                     (1,9):-1
                                                      (2,9):0
(2,4):0
          (2,5):2
                     (2,6):2
                                (2,7):0
                                           (2,8):0
(3,4):0
          (3,5):-1
                     (3,6):1
                                (3,7):-1
                                           (3,8):1
                                                      (3,9):0
(4,7):1
                                                      (5,9):2
          (4,8):1
                     (4,9):2
                                (5,7): -2
                                          (5,8):-1
(6,7):1
          (6,8):0
                     (6,9):-1
```

380. Inequality 380 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):2
(1,4):1
          (1,5):2
                     (1,6): -2
                                           (1,8):-1
                                                      (1,9):0
                                                      (2,9):1
(2,4):1
          (2,5): -2
                     (2,6): -2
                                (2,7):-1
                                           (2,8):3
(3,4):1
          (3,5):0
                                (3,7):2
                                                      (3,9):-1
                     (3,6):1
                                           (3,8):3
(4,7):0
          (4,8): -2
                     (4,9):1
                                (5,7): -2
                                           (5,8):3
                                                      (5,9):1
          (6,8):0
(6,7):1
                     (6,9):2
```

381. Inequality 381 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5): \overline{2}
(1,4):1
                      (1,6):2
                                 (1,7):-1
                                              (1,8):1
                                                         (1,9):-1
(2,4):-2
           (2,5):0
                      (2,6):2
                                  (2,7):2
                                             (2,8):3
                                                         (2,9):3
(3,4):0
           (3,5):2
                      (3,6): -2
                                 (3,7):-1
                                             (3,8):3
                                                         (3,9): -2
(4,7):1
           (4,8):1
                      (4,9):1
                                 (5,7): -1
                                             (5,8):-2
                                                         (5,9):3
(6,7):0
           (6,8):0
                      (6,9): -2
```

382. Inequality 382 with incidence 34 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,7):1
(1,4):1
           (1,5):2
                      (1,6):1
                                            (1,8):1
                                                       (1,9): -2
(2,4):-2
           (2,5):0
                                 (2,7):2
                                            (2,8):2
                                                       (2,9):0
                      (2,6):2
(3,4):0
           (3,5):2
                      (3,6): -1
                                 (3,7):-2
                                            (3,8):2
                                                       (3,9):-1
(4,7):1
           (4,8):2
                      (4,9):2
                                 (5,7):0
                                            (5,8): -2
                                                       (5,9):2
           (6,8):-1
                      (6,9):1
(6,7): -2
```

383. Inequality 383 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):2
                     (1,6):1
                               (1,7):1
                                          (1,8):0
                                                     (1,9): -2
(1,4):2
          (2,5):2
                     (2,6):1
                               (2,7):2
                                          (2,8):2
                                                     (2,9):0
(2,4):-3
(3,4):0
          (3,5):0
                     (3,6):1
                               (3,7): -2
                                          (3,8):2
                                                     (3,9):-1
(4,7):1
           (4,8):2
                     (4,9):2
                               (5,7): -3
                                          (5,8): -2
                                                     (5,9):1
(6,7):1
           (6,8):0
                     (6,9):2
```

384. Inequality 384 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):0
                                 (1,7):-1
                                            (1,8): -2
                                                       (1,9):2
                      (1,6):-1
(2,4):-3
           (2,5):2
                      (2,6): -1
                                 (2,7):3
                                            (2,8):2
                                                       (2,9):1
(3,4):-1
           (3,5): -2
                      (3,6):1
                                 (3,7):-2
                                            (3,8):2
                                                       (3,9):2
(4,7):2
                                                       (5,9):2
           (4,8):3
                      (4,9):1
                                 (5,7): -2
                                            (5,8):0
(6,7):2
           (6,8):-1
                      (6,9):2
```

385. Inequality 385 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):1
                      (1,6):2
                                 (1,7):1
                                            (1,8): -1
                                                      (1,9): -2
(2,4):-2
           (2,5): -3
                                 (2,7):2
                      (2,6):2
                                            (2,8):1
                                                       (2,9):0
                                                      (3,9): -2
           (3,5):3
                      (3,6):2
                                 (3,7):-2
(3,4):0
                                            (3,8):1
                                 (5,7):2
(4,7):1
           (4,8):1
                     (4,9):-1
                                            (5,8):0
                                                       (5,9):3
(6,7):0
           (6,8):0
                      (6,9):2
```

386. Inequality 386 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):1
           (1,5):-1
                                (1,7):-2
                                                      (1,9):0
(1,4):1
                                           (1,8):1
(2,4):-2
           (2,5):3
                      (2,6):2
                                (2,7):2
                                           (2,8):3
                                                      (2,9): -2
                                (3,7):-1
(3,4):-1
           (3,5): -1
                      (3,6):1
                                           (3,8):1
                                                      (3,9):1
(4,7):3
           (4,8):2
                      (4,9):3
                                (5,7): -3
                                           (5,8):-1
                                                      (5,9):3
           (6,8): -2
(6,7):1
                      (6,9):1
```

387. Inequality 387 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):1
                      (1,6):1
                                 (1,7):0
                                           (1,8):1
                                                      (1,9):0
(2,4):-2
                                (2,7):2
                                                      (2,9):0
           (2,5):2
                      (2,6):0
                                           (2,8):2
                     (3,6):1
(3,4):-1
           (3,5):1
                                (3,7):-1
                                           (3,8):2
                                                      (3,9):0
           (4,8):2
                     (4,9):1
                                           (5,8):-3
                                                      (5,9):2
(4,7):1
                                (5,7):-1
           (6,8): -2
                     (6,9):-1
(6,7):1
```

388. Inequality 388 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):2
                      (1,6):1
                                 (1,7):2
                                            (1,8):1
                                                       (1,9):-1
(2,4):-2
           (2,5):0
                      (2,6): -2
                                 (2,7):2
                                            (2,8):1
                                                       (2,9):3
(3,4): -2
           (3,5): -1
                      (3,6):2
                                 (3,7):-2
                                            (3,8):3
                                                       (3,9):2
                                 (5,7):-2
(4,7):1
           (4,8):2
                      (4,9):2
                                            (5,8):-2
                                                       (5,9):3
(6,7):1
           (6,8): -1
                      (6,9):1
```

389. Inequality 389 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):1
(1,4):0
          (1,5):-1
                     (1,6):1
                                            (1,8):1
                                                      (1,9): -2
                     (2,6):2
(2,4):3
          (2,5):2
                                (2,7): -3
                                           (2,8): -1
                                                      (2,9):-1
(3,4):2
                                (3,7):2
                                           (3,8): -2
          (3,5):0
                     (3,6): -2
                                                      (3,9):0
(4,7):1
          (4,8):4
                     (4,9):4
                                (5,7):2
                                            (5,8):2
                                                      (5,9):-3
          (6,8): -2
(6,7):3
                      (6,9):2
```

390. Inequality 390 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):-1
                      (1,6):1
                                 (1,7):-2
                                            (1,8):1
                                                      (1,9):0
                                 (2,7):1
(2,4):-1
           (2,5):2
                                            (2,8):1
                                                      (2,9):0
                      (2,6):1
(3,4):-1
           (3,5):0
                      (3,6):1
                                 (3,7):0
                                            (3,8):1
                                                      (3,9):1
(4,7):2
           (4,8):1
                      (4,9):2
                                (5,7):-2
                                           (5,8):-1
                                                      (5,9):2
(6,7):1
           (6,8):-1
                     (6,9):-1
```

391. Inequality 391 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):0
                     (1,6):2
                                (1,7):2
                                           (1,8): -2
                                                      (1,9):3
           (2,5):2
                                (2,7):4
                                           (2,8):4
                                                      (2,9):2
(2,4):-5
                     (2,6): -1
(3,4):-4
           (3,5):0
                     (3,6):1
                                (3,7): -3
                                           (3,8):3
                                                      (3,9):3
(4,7):1
           (4,8):4
                     (4,9):5
                                (5,7): -2
                                           (5,8): -2
                                                      (5,9):2
           (6,8):1
                     (6,9):-1
(6,7):0
```

392. Inequality 392 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):0
                                 (1,7):0
                                                      (1,9):0
(1,4):2
                      (1,6):2
                                           (1,8):0
(2,4):-2
           (2,5):2
                                (2,7):1
                                                      (2,9):0
                      (2,6):1
                                           (2,8):2
(3,4):-1
           (3,5):-1
                      (3,6):1
                                (3,7):-1
                                           (3,8):1
                                                      (3,9):1
(4,7):1
           (4,8):3
                      (4,9):3
                                (5,7):-2
                                           (5,8):-2
                                                      (5,9):3
           (6,8): -2
(6,7):1
                     (6,9):-1
```

393. Inequality 393 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):0
          (1,5): -2
                                (1,7):2
                                           (1,8):2
                                                      (1,9):-1
                     (1,6):-1
(2,4):1
          (2,5):1
                     (2,6): -1
                                (2,7):-1
                                           (2,8):0
                                                      (2,9):0
(3,4):1
          (3,5):0
                     (3,6):1
                                (3,7):2
                                           (3,8): -3
                                                      (3,9):-1
(4,7):2
                                                      (5,9):-2
          (4,8):1
                     (4,9):3
                                (5,7):3
                                           (5,8):2
(6,7):0
          (6,8):2
                     (6,9):1
```

394. Inequality 394 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):2
                      (1,6):2
                                 (1,7):1
                                            (1,8):2
                                                      (1,9): -2
(2,4):-1
           (2,5):0
                                 (2,7):2
                     (2,6): -1
                                            (2,8):1
                                                      (2,9):1
           (3,5):-1
                                (3,7):-3
(3,4):0
                      (3,6):1
                                            (3,8):2
                                                       (3,9):1
                                (5,7):-2
                                                       (5,9):2
(4,7):2
           (4,8):1
                      (4,9):1
                                           (5,8):-1
(6,7):2
           (6,8):-1
                      (6,9):1
```

395. Inequality 395 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):1
           (1,5):2
                                 (1,7):-2
                                            (1,8):2
                                                      (1,9):-1
(1,4):0
(2,4):-2
           (2,5):2
                     (2,6): -1
                                 (2,7):3
                                            (2,8):3
                                                      (2,9):-1
                                 (3,7):-2
(3,4):0
           (3,5): -1
                      (3,6):1
                                            (3,8):1
                                                       (3,9):1
(4,7):2
           (4,8):2
                      (4,9):2
                                 (5,7):-1
                                           (5,8): -2
                                                       (5,9):2
(6,7):2
           (6,8):0
                      (6,9):-1
```

396. Inequality 396 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):2
                                                      (1,9):-3
(1,4):0
          (1,5):2
                                (1,7):1
                                           (1,8): -2
(2,4):1
          (2,5):-1
                                                      (2,9):-1
                     (2,6):1
                                (2,7):-1
                                           (2,8):1
                     (3,6): -2
(3,4):0
          (3,5):2
                                (3,7):2
                                           (3,8):2
                                                      (3,9):0
(4,7):1
          (4,8):-3
                     (4,9):3
                                                      (5,9):2
                                (5,7): -2
                                           (5,8):1
(6,7):1
          (6,8):3
                     (6,9):3
```

397. Inequality 397 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):1
                      (1,6):1
                                 (1,7):0
                                           (1,8):0
                                                     (1,9):-1
(2,4):-2
           (2,5):1
                      (2,6):0
                                 (2,7):2
                                           (2,8):2
                                                      (2,9):1
(3,4):1
           (3,5):0
                      (3,6):0
                                (3,7):-1
                                           (3,8):2
                                                     (3,9): -2
(4,7):1
           (4,8):1
                      (4,9):2
                                (5,7):-1
                                           (5,8):0
                                                      (5,9):1
(6,7):1
           (6,8):-1
                     (6,9):-1
```

398. Inequality 398 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):1
(1,4):0
           (1,5): -2
                      (1,6):1
                                            (1,8): -2
                                                       (1,9):2
           (2,5):3
                                                       (2,9):-1
(2,4): -2
                      (2,6):1
                                 (2,7):2
                                            (2,8):3
(3,4):0
           (3,5):0
                                 (3,7):-1
                      (3,6):1
                                            (3,8):1
                                                       (3,9):1
(4,7):2
           (4,8):2
                      (4,9):2
                                 (5,7):-1
                                            (5,8):-3
                                                       (5,9):3
(6,7):1
           (6,8): -1
                      (6,9): -1
```

399. Inequality 399 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):0
           (1,5):2
                     (1,6):1
                                (1,7):1
                                           (1,8):1
                                                      (1,9):-1
           (2,5):1
(2,4):-1
                     (2,6): -2
                                (2,7):1
                                           (2,8):2
                                                      (2,9):-1
(3,4):0
          (3,5):0
                     (3,6):2
                                (3,7): -2
                                           (3,8):2
                                                      (3,9):2
(4,7):2
          (4,8):1
                     (4,9):2
                                (5,7): -1
                                           (5,8):-2
                                                      (5,9):2
(6,7):1
          (6,8):0
                     (6,9): -2
```

400. Inequality 400 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5): -2
                      (1,6):2
                                (1,7):-1
                                           (1,8): -1
                                                       (1,9):3
                                 (2,7):4
                                            (2,8):4
                                                      (2,9):0
(2,4):-4
           (2,5):4
                      (2,6):0
(3,4):0
           (3,5):4
                      (3,6):3
                                (3,7):-4
                                            (3,8):4
                                                      (3,9):-1
                                           (5,8):-5
(4,7):3
           (4,8):3
                      (4,9):3
                                (5,7):-1
                                                      (5,9):4
           (6,8):-1
                     (6,9):-3
(6,7):3
```

401. Inequality 401 with incidence 34 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,9): -1
           (1,5):1
                     (1,6):-1
                                (1,7):1
                                           (1,8):1
(1,4):1
(2,4):-3
                                (2,7):3
                                                      (2,9):1
          (2,5):1
                     (2,6):-1
                                           (2,8):3
(3,4):0
          (3,5):0
                     (3,6):0
                                (3,7): -3
                                           (3,8):3
                                                      (3,9):0
(4,7):2
          (4,8):2
                     (4,9):2
                                (5,7):-1
                                          (5,8):-2
                                                      (5,9):1
(6,7):2
           (6,8):1
                     (6,9):-1
```

402. Inequality 402 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4): -2
           (1,5): -1
                      (1,6): -2
                                  (1,7):1
                                             (1,8):2
                                                        (1,9):2
(2,4): -2
           (2,5):1
                      (2,6):2
                                 (2,7):3
                                            (2,8):3
                                                       (2,9):-1
(3,4):-1
           (3,5):0
                      (3,6):2
                                 (3,7): -3
                                            (3,8):3
                                                       (3,9):-1
(4,7):1
           (4,8):3
                      (4,9):1
                                 (5,7):0
                                            (5,8):-1
                                                       (5,9):1
                      (6,9):2
(6,7):0
           (6,8):0
```

403. Inequality 403 with incidence 34 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):2
           (1,5):2
                     (1,6):2
                                (1,7):2
                                          (1,8):0
                                                     (1,9): -4
           (2,5):2
(2,4):-4
                     (2,6):1
                                (2,7):3
                                          (2,8):3
                                                     (2,9):1
                                (3,7):-4
                                                    (3,9): -2
(3,4):1
          (3,5): -2
                     (3,6):4
                                          (3,8):3
(4,7):2
                                                     (5,9):2
           (4,8):3
                                          (5,8):0
                     (4,9):4
                                (5,7):-4
(6,7):1
          (6,8): -3
                     (6,9):3
```

404. Inequality 404 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5): -1
                                (1,7):1
                                                     (1,9):2
(1,4):-2
                     (1,6):1
                                           (1,8):1
(2,4):-1
           (2,5):1
                     (2,6):1
                                (2,7):1
                                          (2,8):0
                                                     (2,9):0
                                (3,7):-3
                                                     (3,9):-3
(3,4):2
          (3,5):-1
                     (3,6):3
                                          (3,8):2
(4,7):3
          (4,8):1
                     (4,9):3
                               (5,7): -3
                                          (5,8):1
                                                     (5,9):3
          (6,8):-1
                     (6,9):1
(6,7):1
```

405. Inequality 405 with incidence 34 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):1
                                (1,7):0
                                          (1,8):2
                                                    (1,9): -3
           (1,5):2
                     (1,6):2
                                          (2,8):2
                                                     (2,9):2
(2,4):-3
           (2,5):0
                     (2,6):1
                                (2,7):2
                     (3,6):2
(3,4):1
                               (3,7):-3
                                          (3,8):2
                                                     (3,9):0
          (3,5): -2
(4,7):3
          (4,8):1
                     (4,9):3
                               (5,7):-3
                                          (5,8):0
                                                     (5,9):3
(6,7):1
          (6,8): -3
                     (6,9):1
```

406. Inequality 406 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-2
           (1,5):1
                      (1,6): -2
                                 (1,7):1
                                            (1,8):2
                                                       (1,9):2
(2,4):-1
           (2,5):1
                      (2,6):1
                                 (2,7):1
                                            (2,8):0
                                                      (2,9):0
(3,4):-1
           (3,5):-1
                      (3,6):1
                                (3,7):-1
                                            (3,8):1
                                                      (3,9):1
(4,7):1
           (4,8):2
                      (4,9):3
                                (5,7):-2
                                           (5,8): -2
                                                      (5,9):3
(6,7):0
           (6,8):1
                      (6,9):1
```

407. Inequality 407 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):-2
(1,4):4
           (1,5):3
                      (1,6):2
                                            (1,8):1
                                                       (1,9): -2
(2,4):-4
                                            (2,8):3
           (2,5):3
                      (2,6):1
                                 (2,7):3
                                                       (2,9):0
(3,4):-1
           (3,5): -3
                                 (3,7):-5
                      (3,6):3
                                            (3,8):3
                                                       (3,9):3
(4,7):5
           (4,8):3
                      (4,9):3
                                 (5,7): -3
                                            (5,8):-3
                                                       (5,9):3
(6,7):2
           (6,8): -1
                      (6,9): -1
```

408. Inequality 408 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):1
                      (1,6):1
                                 (1,7):1
                                            (1,8):-1
                                                       (1,9): -2
                      (2,6):2
(2,4): -2
           (2,5):2
                                 (2,7):2
                                            (2,8):3
                                                       (2,9):1
(3,4):0
           (3,5):1
                      (3,6):0
                                 (3,7):-1
                                            (3,8):2
                                                       (3,9): -2
(4,7):0
           (4,8):2
                      (4,9):2
                                 (5,7):-1
                                            (5,8):-1
                                                       (5,9):2
(6,7):-1
           (6,8): -1
                      (6,9):-1
```

409. Inequality 409 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):1
(1,4):1
           (1,5):1
                                 (1,7):0
                                           (1,8):0
                                                     (1,9):-1
(2,4):-2
                                 (2,7):1
                                           (2,8):2
                                                      (2,9):2
           (2,5):0
                      (2,6):1
(3,4):1
           (3,5): -1
                      (3,6):1
                                (3,7):-2
                                           (3,8):2
                                                     (3,9):-1
(4,7):1
           (4,8):1
                      (4,9):2
                                (5,7):-1
                                           (5,8):0
                                                      (5,9):1
(6,7):1
           (6,8):-1
                     (6,9):-1
```

410. Inequality 410 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):3
                                                      (1,9): -3
(1,4):3
           (1,5):1
                                (1,7): -2
                                            (1,8):0
(2,4):-3
                                (2,7):2
                                                      (2,9):0
           (2,5):3
                      (2,6):1
                                           (2,8):3
(3,4): -2
           (3,5): -2
                      (3,6):2
                                (3,7): -2
                                           (3,8):2
                                                      (3,9):2
(4,7):2
           (4,8):5
                      (4,9):5
                                (5,7):-4
                                           (5,8):-3
                                                      (5,9):5
(6,7):4
           (6,8): -3
                      (6,9):1
```

411. Inequality 411 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):1
                                 (1,7):-1
                                            (1,8):1
                                                       (1,9):-1
                      (1,6):1
(2,4):-1
           (2,5):2
                      (2,6):0
                                 (2,7):2
                                            (2,8):2
                                                       (2,9):-1
(3,4):-1
           (3,5): -1
                      (3,6):1
                                 (3,7):-1
                                            (3,8):2
                                                       (3,9):2
(4,7):1
           (4,8):1
                      (4,9):1
                                 (5,7):-1
                                            (5,8):-1
                                                       (5,9):2
(6,7):0
           (6,8): -1
                      (6,9): -1
```

412. Inequality 412 with incidence 34 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):-1
           (1,5): -1
                      (1,6):1
                                (1,7): -2
                                           (1,8):1
                                                      (1,9):2
(2,4):-3
                                                      (2,9):0
           (2,5):3
                     (2,6):1
                                (2,7):2
                                           (2,8):3
(3,4):1
                                (3,7):-2
                                                      (3,9): -2
           (3,5):1
                     (3,6):1
                                           (3,8):1
                                (5,7):-2
                                                      (5,9):3
(4,7):2
           (4,8):2
                                           (5,8): -2
                      (4,9):3
(6,7):2
           (6,8):-1
                      (6,9):0
```

413. Inequality 413 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5): -2
                      (1,6):2
                                (1,7):-2
(1,4):1
                                           (1,8): -2
                                                       (1,9):3
(2,4):-2
           (2,5):1
                      (2,6):1
                                 (2,7):1
                                            (2,8):1
                                                      (2,9):0
                                (3,7):-2
(3,4):1
           (3,5):2
                                            (3,8):2
                                                      (3,9): -2
                      (3,6):1
(4,7):2
           (4,8):3
                      (4,9):3
                                 (5,7):0
                                           (5,8): -2
                                                      (5,9):3
           (6,8):0
                      (6,9):-1
(6,7):1
```

414. Inequality 414 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):2
                                (1,7):-2
(1,4):-1
           (1,5): -2
                                            (1,8):0
                                                       (1,9):3
(2,4):-3
                                            (2,8):2
                                                      (2,9):0
           (2,5):3
                      (2,6):1
                                 (2,7):3
           (3,5):2
                      (3,6):1
(3,4):1
                                (3,7):-2
                                            (3,8):2
                                                      (3,9): -2
(4,7):2
           (4,8):2
                      (4,9):3
                                (5,7):-2
                                           (5,8):-2
                                                       (5,9):3
(6,7):1
           (6,8):0
                      (6,9): -1
```

415. Inequality 415 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
          (1,5):-1
                     (1,6):1
                                (1,7):1
                                           (1,8):0
                                                      (1,9): -2
(2,4):2
          (2,5):2
                     (2,6):1
                                (2,7): -2
                                           (2,8):-1
                                                      (2,9):0
(3,4):0
          (3,5):0
                     (3,6): -1
                                (3,7):1
                                           (3,8):-1
                                                      (3,9):1
(4,7):1
                                                      (5,9): -2
          (4,8):3
                     (4,9):3
                                (5,7):2
                                           (5,8):1
          (6,8): -2
(6,7):1
                     (6,9):2
```

416. Inequality 416 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):2
(1,4):3
           (1,5):3
                      (1,6): -1
                                            (1,8):-1
                                                       (1,9): -2
(2,4):-3
           (2,5):3
                      (2,6):1
                                 (2,7):2
                                            (2,8):3
                                                       (2,9):0
(3,4):2
                                 (3,7):-4
                                            (3,8):2
           (3,5):0
                      (3,6):2
                                                       (3,9): -2
                                 (5,7):-4
(4,7):2
           (4,8):3
                      (4,9):3
                                            (5,8): -2
                                                       (5,9):2
(6,7):2
           (6,8): -1
                      (6,9):1
```

417. Inequality 417 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):0
                     (1,6): -1
                                (1,7):-1
                                           (1,8):1
                                                      (1,9):2
(2,4):-3
           (2,5):4
                                (2,7):4
                                           (2,8):4
                                                      (2,9): -2
                     (2,6):1
(3,4):0
           (3,5):3
                     (3,6):0
                                (3,7): -3
                                           (3,8):3
                                                      (3,9):-3
(4,7):2
           (4,8):3
                     (4,9):3
                                (5,7): -1
                                           (5,8):-4
                                                      (5,9):4
(6,7):-1
           (6,8):1
                     (6,9):2
```

418. Inequality 418 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):1
(1,4):1
           (1,5):1
                      (1,6):1
                                            (1,8):0
                                                       (1,9): -2
(2,4):-2
           (2,5):3
                                 (2,7):3
                                            (2,8):2
                                                       (2,9):-1
                      (2,6):-1
(3,4):0
           (3,5):0
                      (3,6):2
                                 (3,7):-2
                                            (3,8):2
                                                       (3,9): -2
(4,7):1
           (4,8):4
                      (4,9):4
                                 (5,7): -3
                                            (5,8): -2
                                                       (5,9):3
           (6,8): -2
                      (6,9):2
(6,7):2
```

419. Inequality 419 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):-1
                      (1,6): -2
                                 (1,7):-1
                                           (1,8):1
                                                      (1,9):2
(1,4):1
(2,4):-3
                                 (2,7):2
                                                      (2,9):3
           (2,5):1
                      (2,6): -2
                                           (2,8):3
(3,4):1
           (3,5):0
                      (3,6):0
                                (3,7):-1
                                           (3,8):3
                                                      (3,9): -3
(4,7):2
           (4,8):1
                      (4,9):2
                                (5,7):-1
                                           (5,8):0
                                                      (5,9):1
(6,7):-1
           (6,8):2
                      (6,9):3
```

420. Inequality 420 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):0
                                 (1,7):1
                                           (1,8):1
                                                      (1,9):0
                      (1,6):1
(2,4):-1
           (2,5): -2
                      (2,6):1
                                 (2,7):3
                                           (2,8):2
                                                      (2,9):1
(3,4):0
           (3,5):2
                     (3,6):-1
                                 (3,7): -3
                                           (3,8):3
                                                      (3,9):-1
(4,7):1
                                                      (5,9):2
           (4,8):0
                     (4,9):-1
                                 (5,7):2
                                           (5,8):0
(6,7): -2
           (6,8):0
                      (6,9):1
```

421. Inequality 421 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):0
                     (1,6):1
                                (1,7):1
                                           (1,8):1
                                                     (1,9):0
                                (2,7):3
                                           (2,8):2
                                                     (2,9):1
(2,4):-1
          (2,5): -2
                     (2,6):1
                                (3,7):-3
(3,4):0
           (3,5):1
                     (3,6):0
                                           (3,8):3
                                                     (3,9):-1
                                                     (5,9):2
(4,7):1
           (4,8):0
                     (4,9):-1
                                (5,7):2
                                           (5,8):1
(6,7):-2
          (6,8):-1
                     (6,9):1
```

422. Inequality 422 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):1
                     (1,6):2
                                (1,7):2
                                           (1,8):-1
                                                      (1,9): -2
(1,4):0
(2,4):-1
           (2,5):2
                     (2,6): -1
                                (2,7):1
                                           (2,8):1
                                                      (2,9):0
                                (3,7):0
(3,4):-1
           (3,5):0
                     (3,6):1
                                           (3,8):1
                                                      (3,9):1
(4,7):2
           (4,8):1
                     (4,9):3
                                (5,7): -2
                                           (5,8): -2
                                                      (5,9):3
           (6,8):0
                     (6,9):1
(6,7):-1
```

423. Inequality 423 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):0
                     (1,6): -2
                                 (1,7):1
                                           (1,8):-1
                                                      (1,9):1
(2,4):-3
                                 (2,7):2
                                                      (2,9):1
           (2,5):2
                      (2,6):1
                                            (2,8):3
(3,4):-2
                     (3,6): -2
                                 (3,7):0
                                           (3,8):2
                                                      (3,9):2
           (3,5):0
                      (4,9):2
                                                      (5,9):2
(4,7):1
           (4,8):3
                                (5,7):-2
                                           (5,8):-2
(6,7):2
           (6,8):-1
                      (6,9):2
```

424. Inequality 424 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):0
                      (1,6): -2
                                 (1,7):1
                                           (1,8):-1
                                                      (1,9):1
(2,4):-2
           (2,5):1
                      (2,6):0
                                 (2,7):2
                                            (2,8):2
                                                      (2,9):1
(3,4):-1
           (3,5):0
                      (3,6):-1
                                 (3,7):0
                                            (3,8):1
                                                      (3,9):1
                                                      (5,9):2
(4,7):1
           (4,8):2
                      (4,9):1
                                (5,7):-2
                                           (5,8):-1
(6,7):2
           (6,8):-1
                      (6,9):2
```

425. Inequality 425 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):0
                      (1,6):0
                                 (1,7):-1
                                            (1,8):-1
                                                       (1,9):1
(2,4):-3
           (2,5):1
                      (2,6): -2
                                 (2,7):3
                                            (2,8):1
                                                      (2,9):2
(3,4):-1
                                 (3,7):-1
           (3,5):0
                      (3,6):1
                                            (3,8):2
                                                      (3,9):1
(4,7):2
           (4,8):3
                      (4,9):2
                                 (5,7):-1
                                           (5,8):-1
                                                      (5,9):1
(6,7):2
           (6,8): -2
                      (6,9):1
```

426. Inequality 426 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):0
                     (1,6):1
                                (1,7):1
                                           (1,8):-1
                                                      (1,9):2
                                                      (2,9):2
           (2,5):2
                     (2,6): -1
                                (2,7):4
                                           (2,8):3
(2,4):-4
(3,4):-3
           (3,5):0
                     (3,6):1
                                (3,7): -3
                                           (3,8):3
                                                      (3,9):2
(4,7):1
           (4,8):3
                     (4,9):4
                                (5,7):-2
                                           (5,8): -2
                                                      (5,9):2
(6,7):1
           (6,8):0
                     (6,9):0
```

427. Inequality 427 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):2
                      (1,6):1
                                 (1,7):-1
                                            (1,8):2
                                                       (1,9): -2
(2,4):-3
                                 (2,7):1
                                            (2,8):3
                                                       (2,9):2
           (2,5):1
                      (2,6):2
(3,4):-1
           (3,5):1
                      (3,6): -1
                                 (3,7):0
                                            (3,8):1
                                                       (3,9):0
                                            (5,8):-3
(4,7):2
           (4,8):1
                      (4,9):3
                                 (5,7):-1
                                                       (5,9):2
           (6,8): -2
                      (6,9):-1
(6,7):1
```

428. Inequality 428 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5): -1
                      (1,6):0
                                 (1,7):1
                                            (1,8):1
                                                       (1,9):-1
(1,4):0
(2,4):1
                                                       (2,9):0
           (2,5):1
                      (2,6): -1
                                 (2,7):-1
                                            (2,8):0
(3,4):1
           (3,5):0
                      (3,6):1
                                 (3,7):1
                                            (3,8): -2
                                                       (3,9):-1
(4,7):2
           (4,8):1
                      (4,9):3
                                 (5,7):2
                                            (5,8):2
                                                       (5,9): -2
           (6,8):2
                      (6,9):1
(6,7):-1
```

429. Inequality 429 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
          (1,5):-1
                      (1,6):1
                                 (1,7):2
                                            (1,8):1
                                                       (1,9):2
(2,4):0
           (2,5):2
                      (2,6):1
                                 (2,7):1
                                            (2,8):1
                                                       (2,9):-1
(3,4):0
          (3,5): -1
                      (3,6):2
                                 (3,7): -3
                                            (3,8):2
                                                       (3,9):2
(4,7):1
           (4,8):1
                      (4,9):1
                                 (5,7):-1
                                            (5,8): -2
                                                       (5,9):3
(6,7):0
          (6,8): -1
                     (6,9):-1
```

430. Inequality 430 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                     (1,6):2
                                (1,7): -2
                                           (1,8): -1
                                                      (1,9):0
          (2,5):2
                                                      (2,9):0
(2,4):-1
                     (2,6): -1
                                (2,7):1
                                           (2,8):1
          (3,5):0
                                (3,7):-1
                                                      (3,9):1
(3,4):-1
                     (3,6):1
                                           (3,8):2
           (4,8):1
(4,7):1
                     (4,9):1
                                (5,7):0
                                           (5,8):-1
                                                      (5,9):1
           (6,8):0
                     (6,9): -1
(6,7):1
```

431. Inequality 431 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):2
                      (1,6):2
                                 (1,7):0
                                            (1,8):1
                                                       (1,9): -2
(1,4):1
(2,4):-1
           (2,5):2
                      (2,6): -1
                                 (2,7):2
                                            (2,8):1
                                                       (2,9):-1
                                 (3,7):-1
                                                       (3,9):1
(3,4):-1
           (3,5):-1
                      (3,6):1
                                            (3,8):1
(4,7):2
           (4,8):2
                      (4,9):3
                                 (5,7):-3
                                            (5,8): -1
                                                       (5,9):3
(6,7):2
           (6,8): -2
                      (6,9):0
```

432. Inequality 432 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):0
                                 (1,7):1
(1,4): -2
                      (1,6): -1
                                            (1,8):1
                                                       (1,9):1
(2,4):-1
           (2,5):2
                                            (2,8):2
                                                       (2,9):-1
                      (2,6):1
                                 (2,7):3
           (3,5):0
                      (3,6):2
(3,4):-1
                                 (3,7):-3
                                            (3,8):4
                                                       (3,9):2
(4,7):3
           (4,8):2
                      (4,9):3
                                 (5,7):-2
                                                       (5,9):2
                                            (5,8): -2
(6,7):0
           (6,8): -1
                      (6,9): -1
```

433. Inequality 433 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):1
                      (1,6):2
                                  (1,7):1
                                            (1,8):-1
                                                       (1,9): -2
(2,4):0
           (2,5):1
                      (2,6): -1
                                 (2,7):1
                                             (2,8):1
                                                        (2,9):0
(3,4):-1
           (3,5): -1
                      (3,6):1
                                 (3,7):-1
                                             (3,8):1
                                                        (3,9):1
(4,7):1
           (4,8):1
                      (4,9):2
                                 (5,7): -2
                                            (5,8):-1
                                                        (5,9):2
(6,7):0
           (6,8):1
                      (6,9):1
```

434. Inequality 434 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):-1
                                                     (1,9): -2
(1,4):1
           (1,5):1
                     (1,6):2
                                          (1,8):1
           (2,5):1
(2,4):-2
                     (2,6):1
                                (2,7):1
                                          (2,8):1
                                                     (2,9):0
                                (3,7):-2
                                                     (3,9):1
(3,4):-1
          (3,5): -2
                     (3,6):2
                                          (3,8):2
(4,7):2
           (4,8):2
                     (4,9):2
                                (5,7):-2
                                          (5,8):0
                                                     (5,9):2
(6,7):2
          (6,8): -2
                     (6,9):1
```

435. Inequality 435 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):0
                      (1,6):1
                                (1,7): -2
                                            (1,8):1
                                                       (1,9): -2
                     (2,6): -1
(2,4):2
          (2,5):2
                                (2,7): -2
                                            (2,8):2
                                                       (2,9):1
(3,4):3
          (3,5):0
                     (3,6):-1
                                 (3,7):3
                                            (3,8):3
                                                       (3,9): -2
(4,7):1
          (4,8): -3
                      (4,9):3
                                 (5,7):2
                                            (5,8): -2
                                                       (5,9): -2
(6,7):2
          (6,8):1
                      (6,9):2
```

436. Inequality 436 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
          (1,5): -3
                     (1,6):2
                                (1,7):1
                                           (1,8):1
                                                      (1,9): -2
(2,4):3
          (2,5):5
                                (2,7): -3
                                           (2,8):3
                                                      (2,9):0
                     (2,6):2
(3,4):3
          (3,5):1
                     (3,6): -4
                                (3,7):3
                                           (3,8):3
                                                      (3,9):2
(4,7):0
          (4,8): -3
                     (4,9):2
                                (5,7):3
                                           (5,8):-2
                                                      (5,9):-4
(6,7):2
          (6,8):0
                     (6,9):2
```

437. Inequality 437 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):0
                      (1,6):1
                                (1,7):2
                                           (1,8):1
                                                     (1,9):-1
(2,4):2
                                           (2,8):2
                                                      (2,9):0
           (2,5): -2
                      (2,6):1
                                (2,7):3
(3,4):1
           (3,5):0
                     (3,6):0
                                (3,7): -3
                                           (3,8):3
                                                     (3,9):-1
(4,7):0
           (4,8): -1
                      (4,9):1
                                (5,7):2
                                           (5,8):2
                                                      (5,9):2
(6,7): -2
           (6,8):-1
                      (6,9):1
```

438. Inequality 438 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):0
           (1,5):1
                      (1,6):0
                                 (1,7):1
                                            (1,8):1
                                                       (1,9):-1
(2,4):-3
           (2,5):1
                      (2,6): -2
                                 (2,7):3
                                            (2,8):1
                                                       (2,9):2
(3,4): -2
           (3,5):0
                      (3,6):2
                                 (3,7):-2
                                            (3,8):3
                                                       (3,9):1
(4,7):1
           (4,8):3
                      (4,9):3
                                 (5,7):-2
                                            (5,8): -2
                                                       (5,9):2
(6,7):3
           (6,8): -2
                      (6,9):1
```

439. Inequality 439 with incidence 34 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):0
           (1,5):2
                      (1,6):2
                                 (1,7):0
                                            (1,8):1
                                                       (1,9):-1
(2,4):-1
           (2,5):2
                      (2,6): -1
                                 (2,7):1
                                            (2,8):1
                                                       (2,9):0
                                 (3,7):-1
(3,4):-1
           (3,5): -1
                      (3,6):1
                                            (3,8):1
                                                       (3,9):1
                                 (5,7):-2
                      (4,9):2
(4,7):1
           (4,8):1
                                            (5,8):-1
                                                       (5,9):2
(6,7):1
           (6,8):-1
                      (6,9):0
```

440. Inequality 440 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5): -3
                      (1,6):1
                                 (1,7):2
                                            (1,8):0
(1,4): -2
                                                       (1,9):2
(2,4):-2
           (2,5):4
                      (2,6):1
                                 (2,7):3
                                            (2,8):3
                                                       (2,9):-1
                                 (3,7):-3
(3,4):0
           (3,5):0
                      (3,6):2
                                            (3.8):3
                                                       (3,9):2
(4,7):3
           (4,8):2
                      (4,9):1
                                 (5,7):-1
                                            (5,8): -3
                                                       (5,9):3
(6,7):0
           (6,8): -1
                      (6,9): -1
```

441. Inequality 441 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):2
                                 (1,7):-1
(1,4):1
           (1,5):2
                                            (1,8):1
                                                       (1,9):-1
(2,4):-4
           (2,5):2
                                                       (2,9):3
                      (2,6):3
                                 (2,7):2
                                            (2,8):4
(3,4): -2
                                 (3,7):-1
                                            (3,8):3
                                                       (3,9):0
           (3,5):2
                      (3,6): -2
(4,7):1
           (4,8):3
                      (4,9):3
                                 (5,7):-1
                                            (5,8):-4
                                                       (5,9):3
(6,7):0
           (6,8): -1
                      (6,9): -2
```

442. Inequality 442 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5): -2
                      (1,6): -1
                                 (1,7):-1
                                            (1,8):2
                                                        (1,9):3
(2,4):-1
           (2,5):4
                      (2,6):-4
                                 (2,7):5
                                            (2,8):5
                                                        (2,9):1
(3,4):-1
           (3,5):0
                      (3,6):4
                                 (3,7):-4
                                            (3,8):4
                                                       (3,9): -3
(4,7):0
           (4,8):2
                      (4,9):1
                                 (5,7):-4
                                            (5,8): -2
                                                       (5,9):4
(6,7):4
           (6,8):1
                      (6,9):4
```

443. Inequality 443 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):0
                                 (1,7):3
(1,4): -2
                      (1,6): -3
                                            (1,8):-1
                                                       (1,9):3
(2,4):-2
                                            (2,8):3
                                                       (2,9):-1
           (2,5):3
                      (2,6):0
                                 (2,7):3
(3,4): -2
                                 (3,7):-2
                                                       (3,9):2
           (3,5):0
                      (3,6):2
                                            (3,8):4
                                 (5,7):-3
(4,7):2
           (4,8):4
                      (4,9):4
                                            (5,8):-3
                                                       (5,9):3
(6,7):3
           (6,8): -3
                      (6,9):1
```

444. Inequality 444 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):0
                     (1,6): -2
                                (1,7):-1
                                           (1,8):1
                                                      (1,9):1
(2,4):-4
           (2,5):4
                     (2,6):0
                                (2,7):4
                                           (2,8):4
                                                      (2,9):0
(3,4):0
           (3,5):2
                     (3,6):0
                                (3,7): -2
                                           (3,8):2
                                                      (3,9): -2
(4,7):3
           (4,8):3
                     (4,9):3
                                (5,7): -2
                                           (5,8):-4
                                                      (5,9):4
(6,7):-2
           (6,8):2
                     (6,9):2
```

445. Inequality 445 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6): -1
(1,4):-1
           (1,5):0
                                (1,7):-1
                                           (1,8):2
                                                      (1,9):1
(2,4):-3
           (2,5):3
                                (2,7):3
                                           (2,8):2
                                                      (2,9):0
                     (2,6):1
(3,4):0
           (3,5):1
                     (3,6):0
                                (3,7):-1
                                           (3,8):1
                                                      (3,9):-1
                     (4,9):3
(4,7):2
           (4,8):3
                                (5,7): -2
                                           (5,8):-4
                                                      (5,9):4
(6,7):-1
           (6,8):2
                     (6,9):1
```

446. Inequality 446 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):1
                     (1,6):1
                               (1,7):1
                                          (1,8): -1
                                                     (1,9):-1
(1,4):1
           (2,5):2
                     (2,6):1
                               (2,7):2
                                                     (2,9):0
(2,4):-2
                                          (2,8):1
(3,4):0
          (3,5):1
                     (3,6):0
                               (3,7):-1
                                          (3,8):1
                                                     (3,9):-1
(4,7):1
           (4,8):2
                     (4,9):2
                               (5,7):-2
                                          (5,8): -3
                                                     (5,9):3
           (6,8):2
(6,7):-1
                     (6,9):1
```

447. Inequality 447 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):0
                      (1,6): -2
                                 (1,7):2
                                            (1,8):-1
                                                       (1,9):2
(2,4):-3
           (2,5):2
                      (2,6):1
                                 (2,7):3
                                            (2,8):3
                                                       (2,9):0
(3,4):-2
           (3,5):0
                      (3,6):1
                                 (3,7):-2
                                            (3,8):3
                                                       (3,9):2
(4,7):2
           (4,8):3
                      (4,9):3
                                 (5,7): -2
                                            (5,8): -2
                                                       (5,9):2
(6,7):1
           (6,8): -2
                      (6,9):1
```

448. Inequality 448 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                     (1,6): -1
                                 (1,7):0
                                            (1,8):1
                                                      (1,9):-1
(2,4):-1
           (2,5):3
                      (2,6):2
                                 (2,7):1
                                            (2,8):1
                                                       (2,9):0
           (3,5):-1
                                (3,7):-2
(3,4):0
                      (3,6):0
                                            (3,8):2
                                                       (3,9):1
                                (5,7):-2
                                           (5,8):-2
(4,7):2
           (4,8):1
                      (4,9):1
                                                       (5,9):2
(6,7):1
           (6,8):1
                      (6,9): -1
```

449. Inequality 449 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-2
           (1,5):0
                     (1,6):0
                                (1,7):2
                                                     (1,9):2
                                           (1,8):2
(2,4):-1
           (2,5):5
                     (2,6):4
                                (2,7):1
                                           (2,8):5
                                                     (2,9):-4
                               (3,7):-5
(3,4):-1
           (3,5): -4
                     (3,6):4
                                           (3,8):4
                                                     (3,9):2
(4,7):3
           (4,8):4
                     (4,9):3
                               (5,7):-5
                                          (5,8):-1
                                                     (5,9):5
(6,7):4
           (6,8): -6
                     (6,9):2
```

450. Inequality 450 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):1
                                (1,7):-2
(1,4):1
           (1,5):2
                                            (1,8):1
                                                      (1,9):-1
(2,4):-1
           (2,5):2
                                                      (2,9):0
                      (2,6):1
                                 (2,7):2
                                           (2,8):2
(3,4):0
                                (3,7):-2
                                           (3,8):1
                                                      (3,9):1
          (3,5): -1
                      (3,6):1
(4,7):2
                      (4,9):1
                                (5,7):-1
                                           (5,8):-2
                                                       (5,9):2
           (4,8):1
                     (6,9):-1
(6,7):1
          (6,8):-1
```

451. Inequality 451 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):0
           (1,5):2
                     (1,6):1
                                (1,7):2
                                           (1,8): -2
                                                      (1,9):-1
(2,4):-3
           (2,5):3
                     (2,6):0
                                (2,7):3
                                           (2,8):3
                                                      (2,9):0
(3,4):-1
           (3,5):1
                     (3,6): -1
                                (3,7):-1
                                           (3,8):2
                                                      (3,9):0
(4,7):2
           (4,8):3
                     (4,9):3
                                (5,7): -3
                                           (5,8): -2
                                                      (5,9):3
(6,7):-1
           (6,8):2
                     (6,9):-1
```

452. Inequality 452 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):2
                                (1,7):1
                                                      (1,9): -2
(1,4):1
                     (1,6):1
                                           (1,8):-1
                     (2,6): -1
                                (2,7):4
(2,4):-2
           (2,5):4
                                           (2,8):3
                                                      (2,9): -2
(3,4):-1
           (3,5):2
                                (3,7):-3
                                                      (3,9):-2
                     (3,6):1
                                           (3,8):3
(4,7):1
                                                      (5,9):4
           (4,8):3
                     (4,9):2
                                (5,7): -2
                                           (5,8):-2
(6,7):1
           (6,8):0
                     (6,9):0
```

453. Inequality 453 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4): -\overline{2}
           (1,5):-1
                       (1,6):1
                                  (1,7):1
                                             (1,8):1
                                                         (1,9):2
(2,4):-1
            (2,5):2
                       (2,6):0
                                  (2,7):2
                                             (2,8):2
                                                        (2,9):-1
(3,4):1
            (3,5):0
                       (3,6):1
                                 (3,7): -3
                                             (3,8):2
                                                        (3,9):-1
(4,7):2
            (4,8):2
                       (4,9):2
                                 (5,7): -2
                                             (5,8):-1
                                                         (5,9):2
(6,7):0
            (6,8):0
                       (6,9):0
```

454. Inequality 454 with incidence 34 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):2
           (1,5):2
                      (1,6):1
                                 (1,7):1
                                           (1,8):-1
                                                      (1,9): -3
(2,4):-3
           (2,5):3
                                (2,7):3
                                            (2,8):3
                                                       (2,9):0
                      (2,6):0
(3,4):-1
           (3,5): -1
                      (3,6):3
                                (3,7): -3
                                            (3,8):3
                                                      (3,9):-1
(4,7):1
           (4,8):4
                      (4,9):3
                                (5,7): -4
                                           (5,8):-1
                                                       (5,9):3
                      (6,9):2
(6,7):2
           (6,8): -2
```

455. Inequality 455 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):1
                     (1,6):2
                                (1,7):2
                                           (1,8): -1
                                                      (1,9):-1
(1,4):-1
(2,4):-2
           (2,5):2
                     (2,6):0
                                (2,7):2
                                           (2,8):2
                                                      (2,9):0
(3,4):-1
           (3,5):1
                     (3,6): -1
                                (3,7):-1
                                           (3,8):2
                                                      (3,9):0
(4,7):3
           (4,8):2
                     (4,9):3
                                (5,7): -2
                                           (5,8):-3
                                                      (5,9):3
(6,7):-2
           (6,8):2
                     (6,9):1
```

456. Inequality 456 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):1
                                (1,7):2
                                           (1,8):-1
                                                      (1,9):-1
                     (1,6):2
(2,4):-3
           (2,5):3
                     (2,6):0
                                (2,7):3
                                           (2,8):3
                                                      (2,9):0
(3,4):-1
           (3,5):2
                     (3,6): -1
                                (3,7): -2
                                           (3,8):3
                                                      (3,9):-1
                                                      (5,9):4
(4,7):3
                     (4,9):3
           (4,8):3
                                (5,7): -2
                                           (5,8):-4
(6,7): -2
           (6,8):2
                     (6,9):1
```

457. Inequality 457 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5): -1
                      (1,6): -1
                                 (1,7):2
                                            (1,8): -1
                                                       (1,9):2
                                                       (2,9):0
(2,4):-3
                                 (2,7):3
           (2,5):3
                      (2,6):0
                                            (2,8):3
                                 (3,7):-2
                                                       (3,9):2
(3,4):-1
           (3,5):0
                      (3,6):2
                                            (3.8):3
(4,7):3
           (4,8):3
                      (4,9):3
                                 (5,7):-2
                                            (5,8):-4
                                                       (5,9):4
(6,7):2
           (6,8): -2
                      (6,9):-1
```

458. Inequality 458 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):4
           (1,5):4
                                (1,7):0
                                                     (1,9):-4
(1,4):0
                                           (1,8):4
(2,4):-3
           (2,5):1
                     (2,6):0
                                (2,7):3
                                           (2,8):3
                                                     (2,9):2
                               (3,7):-5
                                                     (3,9):2
(3,4):-1
           (3,5): -4
                     (3,6):4
                                          (3,8):4
(4,7):3
           (4,8):4
                     (4,9):3
                               (5,7):-5
                                          (5,8):-1
                                                     (5,9):5
(6,7):4
           (6,8): -6
                     (6,9):2
```

459. Inequality 459 with incidence 34 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,7):2
(1,4):1
           (1,5):4
                      (1,6): -2
                                            (1,8):2
                                                      (1,9):-3
(2,4):-4
                                            (2,8):2
                                                       (2,9):3
           (2,5): -1
                      (2,6): -2
                                 (2,7):2
           (3,5):2
                      (3,6):2
(3,4): -2
                                (3,7):-2
                                            (3,8):4
                                                       (3,9):0
(4,7):1
           (4,8):3
                      (4,9):3
                                 (5,7):-1
                                           (5,8):-3
                                                       (5,9):3
                      (6,9):0
(6,7):2
           (6,8):0
```

460. Inequality 460 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):3
                      (1,6): -1
                                 (1,7):2
                                            (1,8):0
                                                       (1,9): -2
(2,4):-2
           (2,5):3
                      (2,6):1
                                 (2,7):2
                                            (2,8):3
                                                       (2,9):1
(3,4):1
           (3,5):1
                      (3,6):2
                                 (3,7): -3
                                            (3,8):3
                                                       (3,9): -2
                                 (5,7): -3
(4,7):1
           (4,8):2
                      (4,9):2
                                            (5,8):-3
                                                       (5,9):1
(6,7):1
           (6,8): -1
                      (6,9):0
```

461. Inequality 461 with incidence 34 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,7):2
(1,4):4
           (1,5):4
                      (1,6):1
                                           (1,8): -2
                                                      (1,9):-5
(2,4):-4
           (2,5):4
                     (2,6):0
                                (2,7):4
                                           (2,8):4
                                                      (2,9):0
(3,4):-1
                                (3,7):-4
                                                      (3,9):-2
           (3,5):-1
                      (3,6):4
                                           (3,8):4
                                                      (5,9):4
(4,7):1
           (4,8):6
                      (4,9):4
                                (5,7): -6
                                           (5,8):-1
(6,7):3
           (6,8): -3
                      (6,9):3
```

462. Inequality 462 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
\overline{(1,5):-3}
(1,4):3
                       (1,6):2
                                   (1,7):1
                                              (1,8):0
                                                          (1,9):-3
            (2,5):3
                       (2,6): -2
                                   (2,7):3
                                              (2,8): -3
                                                          (2,9):1
(2,4):4
(3,4):0
            (3,5):3
                       (3,6):3
                                  (3,7): -3
                                              (3,8): -3
                                                          (3,9):0
(4,7):-4
            (4,8):3
                       (4,9):2
                                   (5,7):1
                                              (5,8):5
                                                          (5,9):-3
                       (6,9):3
(6,7):4
            (6,8):2
```

463. Inequality 463 with incidence 34 and stabilizer of size 4. Orbit size is 82944 nature: unknown

```
(1,4):2
           (1,5):2
                      (1,6): -1
                                 (1,7):-1
                                            (1,8):0
                                                       (1,9): -2
(2,4):2
                                 (2,7):-1
                                            (2,8):-1
                                                       (2,9):1
           (2,5):-1
                      (2,6):2
(3,4):-1
           (3,5):2
                      (3,6):2
                                 (3,7):-1
                                            (3,8):2
                                                       (3,9):0
                                            (5,8):-2
(4,7):2
           (4,8):2
                      (4,9):1
                                 (5,7):1
                                                        (5,9):2
           (6,8):-1
                      (6,9): -2
(6,7):2
```

464. Inequality 464 with incidence 34 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,5): -2
                                 (1,7):1
                                                       (1,9):2
(1,4):-2
                      (1,6):1
                                            (1,8):0
(2,4):-2
                                 (2,7):2
           (2,5):2
                      (2,6):0
                                            (2,8):2
                                                       (2,9):0
(3,4):0
           (3,5):1
                      (3,6):2
                                 (3,7):-2
                                            (3,8):2
                                                      (3,9):1
(4,7):3
           (4,8):2
                      (4,9):1
                                 (5,7):0
                                           (5,8):-3
                                                      (5,9):2
(6,7):2
           (6,8):-1
                      (6,9): -2
```

465. Inequality 465 with incidence 34 and stabilizer of size 4. Orbit size is 82944 nature: unknown

```
(1,4):3
           (1,5):3
                                (1,7):1
                                           (1,8):-1
                                                      (1,9): -3
                      (1,6):1
(2,4):-3
           (2,5):3
                      (2,6):0
                                (2,7):3
                                           (2,8):3
                                                      (2,9):0
(3,4):-1
           (3,5):-1
                      (3,6):3
                                (3,7): -3
                                           (3,8):3
                                                      (3,9):-1
(4,7):1
           (4,8):5
                      (4,9):3
                                (5,7):-5
                                           (5,8):-1
                                                      (5,9):3
                     (6,9):2
(6,7):3
           (6,8): -3
```

466. Inequality 466 with incidence 34 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):2
           (1,5):6
                      (1,6):3
                                 (1,7):1
                                            (1,8): -3
                                                       (1,9): -3
(2,4):-4
           (2,5):4
                                            (2,8):2
                      (2,6): -2
                                 (2,7):4
                                                       (2,9):0
(3,4):-4
           (3,5):-1
                                 (3,7):-2
                      (3,6):6
                                            (3,8):4
                                                       (3,9): -3
                                 (5,7):-4
                                            (5,8):2
(4,7):2
                      (4,9):0
           (4,8):4
                                                       (5,9):3
(6,7):3
           (6,8): -1
                      (6,9):3
```

467. Inequality 467 with incidence 34 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,5):3
                      (1,6):2
                                 (1,7):3
                                                      (1,9):-3
(1,4):0
                                            (1,8): -1
(2,4):-2
           (2,5):3
                      (2,6): -1
                                 (2,7):3
                                            (2,8):2
                                                      (2,9):-1
                                 (3,7):-1
                                            (3,8):2
(3,4):-1
           (3,5):0
                      (3,6):2
                                                      (3,9):-2
(4,7):2
           (4,8):2
                      (4,9):1
                                 (5,7): -3
                                            (5,8):0
                                                       (5,9):3
(6,7):0
           (6,8):-1
                      (6,9):2
```

468. Inequality 468 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):3
                                                      (1,9):3
(1,4):-3
           (1,5): -3
                      (1,6):0
                                           (1,8):0
(2,4):-1
                                                     (2,9):-1
           (2,5):2
                     (2,6): -2
                                (2,7):1
                                           (2,8):1
                      (3,6):3
(3,4):-3
           (3,5):2
                                (3,7):0
                                           (3,8):3
                                                      (3,9):1
(4,7):5
                      (4,9):3
                                                      (5,9):4
           (4,8):3
                                (5,7):2
                                          (5,8):-3
(6,7):5
           (6,8): -2
                     (6,9):-4
```

469. Inequality 469 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):3
           (1,5):3
                      (1,6):0
                                 (1,7):-2
                                            (1,8):-1
                                                       (1,9):-1
(2,4):-3
           (2,5):2
                      (2,6): -2
                                 (2,7):2
                                            (2,8):1
                                                       (2,9):0
(3,4):-1
           (3,5):2
                      (3,6):2
                                 (3,7):-1
                                            (3,8):2
                                                       (3,9):0
(4,7):2
           (4,8):2
                      (4,9):1
                                 (5,7):1
                                            (5,8):-1
                                                       (5,9):1
(6,7):2
           (6,8): -1
                      (6,9): -1
```

470. Inequality 470 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):3
(1,4):3
           (1,5):3
                      (1,6):0
                                            (1,8):0
                                                       (1,9): -3
(2,4):-3
                                            (2,8):2
           (2,5):3
                      (2,6): -1
                                 (2,7):3
                                                       (2,9):0
(3,4):-1
                                 (3,7):-2
           (3,5):0
                      (3,6):2
                                            (3,8):2
                                                      (3,9):-1
                                 (5,7):-4
(4,7):-1
           (4,8):3
                      (4,9):3
                                           (5,8):-1
                                                       (5,9):3
(6,7):3
           (6,8): -2
                      (6,9):2
```

471. Inequality 471 with incidence 34 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):1
                     (1,6):1
                                (1,7):2
                                           (1,8):2
                                                      (1,9):-3
                     (2,6):1
(2,4):3
           (2,5): -3
                                (2,7):3
                                           (2,8): -2
                                                      (2,9):0
(3,4):2
           (3,5):3
                     (3,6):1
                                (3,7):-1
                                          (3,8): -2
                                                      (3,9):-3
(4,7):-1
           (4,8):2
                     (4,9):3
                                (5,7):2
                                           (5,8):0
                                                      (5,9):3
(6,7):-1
           (6,8):0
                     (6,9):0
```

472. Inequality 472 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):1
                     (1,6):3
                                (1,7):2
                                           (1,8): -1
                                                      (1,9): -2
(2,4):-2
           (2,5):0
                                (2,7):2
                                           (2,8):3
                                                      (2,9):2
                     (2,6): -1
(3,4):-1
           (3,5):1
                     (3,6):-1
                                (3,7):-1
                                           (3,8):2
                                                      (3,9):0
(4,7):1
           (4,8):2
                     (4,9):1
                                (5,7):0
                                           (5,8):-3
                                                      (5,9):3
(6,7):-2
           (6,8):3
                     (6,9):2
```

473. Inequality 473 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):-1
                      (1,6):2
                                (1,7):-1
                                           (1,8):-1
                                                      (1,9):0
(1,4):1
(2,4):-2
                     (2,6):2
                                (2,7):3
                                                      (2,9):0
           (2,5):1
                                           (2,8):2
(3,4):-1
           (3,5):1
                      (3,6):2
                                (3,7): -2
                                           (3,8):3
                                                      (3,9):-1
                     (4,9):1
(4,7):1
           (4,8):2
                                (5,7):-1
                                           (5,8):-1
                                                      (5,9):1
(6,7):0
           (6,8):-1
                     (6,9):1
```

474. Inequality 474 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                      (1,6):2
                                 (1,7):-1
                                            (1,8): -2
                                                       (1,9): -2
(2,4):2
           (2,5): -2
                      (2,6):1
                                 (2,7):2
                                            (2,8):2
                                                       (2,9):-1
(3,4):1
           (3,5):1
                      (3,6):-1
                                 (3,7):-2
                                            (3,8):2
                                                       (3,9):-1
(4,7):-1
           (4,8):-1
                      (4,9):2
                                 (5,7):2
                                            (5,8):2
                                                       (5,9):1
(6,7):0
           (6,8):1
                      (6,9):1
```

475. Inequality 475 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                      (1,6):1
                                 (1,7):1
                                            (1,8):1
                                                      (1,9):0
(2,4):-3
                                                      (2,9):-1
           (2,5):4
                     (2,6): -2
                                 (2,7):3
                                            (2,8):3
(3,4):-2
           (3,5):2
                      (3,6):2
                                (3,7):-2
                                                      (3,9):0
                                            (3,8):4
                      (4,9):2
                                (5,7):-2
           (4,8):3
(4,7):1
                                           (5,8):-4
                                                       (5,9):2
(6,7):1
           (6,8):-1
                      (6,9): -1
```

476. Inequality 476 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):3
                     (1,6): -2
                                 (1,7):2
                                            (1,8):0
                                                      (1,9):-3
(1,4):2
(2,4):-3
           (2,5):3
                      (2,6):1
                                 (2,7):3
                                           (2,8):3
                                                      (2,9):1
                                (3,7):-3
(3,4):2
           (3,5):2
                      (3,6):2
                                           (3.8):3
                                                      (3,9):-2
(4,7):2
           (4,8):2
                      (4,9):3
                                (5,7): -3
                                           (5,8): -3
                                                      (5,9):2
           (6,8):-1
                     (6,9):-1
(6,7):1
```

477. Inequality 477 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):1
                                 (1,7):0
(1,4):1
           (1,5):1
                                            (1,8):1
                                                      (1,9):0
(2,4):-2
           (2,5):3
                                                      (2,9):-1
                      (2,6):0
                                 (2,7):3
                                            (2,8):3
           (3,5):2
                      (3,6):1
(3,4):-1
                                (3,7):-2
                                            (3,8):3
                                                      (3,9):-1
(4,7):1
           (4,8):2
                      (4,9):1
                                (5,7):-1
                                           (5,8):-3
                                                      (5,9):2
                      (6,9):-1
(6,7):1
           (6,8): -2
```

478. Inequality 478 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4): -2
           (1,5):0
                      (1,6): -1
                                 (1,7):1
                                            (1,8):1
                                                       (1,9):1
(2,4):-1
           (2,5):2
                      (2,6):1
                                 (2,7):2
                                            (2,8):2
                                                       (2,9): -2
(3,4):-1
           (3,5): -1
                      (3,6):2
                                 (3,7):-3
                                            (3,8):3
                                                       (3,9):2
                                 (5,7):-2
(4,7):3
           (4,8):2
                      (4,9):3
                                            (5,8):-1
                                                       (5,9):2
(6,7):1
           (6,8): -1
                      (6,9):0
```

479. Inequality 479 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):2
(1,4):-3
           (1,5):0
                      (1,6): -2
                                            (1,8):1
                                                       (1,9):2
(2,4):-2
                                                       (2,9):-1
           (2,5):1
                      (2,6):2
                                 (2,7):3
                                            (2,8):3
(3,4): -2
                                 (3,7):-3
           (3,5):0
                      (3,6):2
                                            (3,8):4
                                                       (3,9):1
(4,7):2
           (4,8):3
                      (4,9):2
                                 (5,7):-1
                                            (5,8):-1
                                                       (5,9):1
(6,7):1
           (6,8): -2
                      (6,9):1
```

480. Inequality 480 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                      (1,6):2
                                 (1,7):1
                                            (1,8):0
                                                       (1,9): -2
           (2,5):3
                      (2,6): -1
                                 (2,7):2
                                            (2,8):2
                                                       (2,9):-1
(2,4):-1
(3,4):-1
           (3,5):0
                      (3,6):2
                                 (3,7):-2
                                            (3,8):2
                                                       (3,9):-1
(4,7):0
           (4,8):2
                      (4,9):1
                                 (5,7): -2
                                            (5,8):-1
                                                       (5,9):2
(6,7):1
           (6,8): -1
                      (6,9):1
```

481. Inequality 481 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                      (1,6):2
                                 (1,7):0
                                            (1,8):0
                                                      (1,9):-1
           (2,5):3
                                 (2,7):2
                                            (2,8):2
                                                      (2,9):-1
(2,4):-1
                     (2,6):-1
(3,4):-1
           (3,5):0
                      (3,6):2
                                (3,7):-2
                                            (3,8):2
                                                      (3,9):-1
(4,7):0
           (4,8):2
                      (4,9):1
                                (5,7): -2
                                           (5,8):-1
                                                      (5,9):2
           (6,8):-1
                      (6,9):0
(6,7):2
```

482. Inequality 482 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):1
                      (1,6):1
                                  (1,7):1
                                             (1,8):0
                                                        (1,9): -2
(1,4):1
                                             (2,8):2
                                                        (2,9):2
(2,4):-4
           (2,5):2
                      (2,6): -2
                                  (2,7):4
(3,4): -2
           (3,5): -1
                      (3,6):2
                                 (3,7): -2
                                             (3,8):2
                                                        (3,9):1
(4,7):1
           (4,8):4
                      (4,9):4
                                 (5,7): -3
                                            (5,8):-2
                                                        (5,9):3
(6,7):3
           (6,8): -2
                      (6,9):2
```

483. Inequality 483 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5): -1
                                 (1,7):-1
                                            (1,8):0
                                                       (1,9):1
                      (1,6):3
(2,4):-3
           (2,5):1
                      (2,6):2
                                 (2,7):1
                                            (2,8):2
                                                       (2,9):1
(3,4):0
           (3,5):0
                      (3,6):1
                                 (3,7):-1
                                            (3,8):1
                                                       (3,9):-1
(4,7):1
           (4,8):2
                      (4,9):2
                                 (5,7):-1
                                            (5,8):-1
                                                       (5,9):2
(6,7):1
           (6,8): -2
                      (6,9):-1
```

484. Inequality 484 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5): -1
                      (1,6):3
                                 (1,7): -3
                                            (1,8):2
                                                       (1,9):1
(2,4):-3
           (2,5):3
                      (2,6):2
                                 (2,7):2
                                            (2,8):3
                                                       (2,9):1
           (3,5):0
                                 (3,7):-1
(3,4):0
                      (3,6):1
                                            (3,8):1
                                                       (3,9):-1
(4,7):3
           (4,8):1
                      (4,9):3
                                 (5,7): -3
                                            (5,8): -2
                                                       (5,9):3
(6,7):2
           (6,8): -3
                      (6,9): -1
```

485. Inequality 485 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):0
                     (1,6): -2
                                (1,7):1
                                                      (1,9):-1
(1,4):1
                                           (1,8):1
(2,4):-3
          (2,5):3
                     (2,6): -1
                                (2,7):3
                                           (2,8):3
                                                      (2,9):-1
           (3,5):3
                                (3,7):-3
                                                      (3,9):-1
(3,4):0
                     (3,6):2
                                           (3.8):3
(4,7):2
           (4,8):2
                     (4,9):2
                                (5,7):0
                                           (5,8): -3
                                                      (5,9):3
(6,7):3
           (6,8):0
                     (6,9): -2
```

486. Inequality 486 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,9):0
(1,4):-4
           (1,5):2
                      (1,6):2
                                 (1,7):2
                                           (1,8):2
(2,4):-2
                                 (2,7):1
                                                      (2,9):1
           (2,5):0
                     (2,6): -1
                                           (2,8):1
           (3,5): -2
                      (3,6):2
(3,4):2
                                (3,7): -3
                                           (3,8):2
                                                     (3,9):-1
(4,7):4
           (4,8):2
                      (4,9):4
                                                      (5,9):3
                                (5,7):-3
                                           (5,8):0
(6,7):1
           (6,8):-1
                      (6,9):1
```

487. Inequality 487 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):2
                     (1,6): -2
                                (1,7):2
                                           (1,8):1
                                                      (1,9):0
                                                      (2,9):-1
(2,4):-1
           (2,5):2
                     (2,6):2
                                (2,7):3
                                           (2,8):1
(3,4):-1
           (3,5):1
                     (3,6):1
                                (3,7): -2
                                           (3,8):2
                                                      (3,9):-1
                                                      (5,9):2
(4,7):1
           (4,8):1
                     (4,9):1
                                (5,7): -2
                                           (5,8):-1
(6,7):0
           (6,8):0
                     (6,9):1
```

488. Inequality 488 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):1
                                 (1,7):-1
(1,4):-1
                      (1,6):3
                                            (1,8):2
                                                       (1,9): -2
(2,4):-3
           (2,5):3
                      (2,6): -2
                                            (2,8):2
                                 (2,7):3
                                                       (2,9):1
(3,4):-1
           (3,5):-1
                                 (3,7):-1
                      (3,6):1
                                            (3,8):2
                                                       (3,9):2
(4,7):1
           (4,8):2
                      (4,9):2
                                 (5,7): -2
                                            (5,8): -2
                                                       (5,9):3
(6,7):2
           (6,8): -2
                      (6,9):2
```

489. Inequality 489 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                      (1,6):3
                                (1,7):-2
                                           (1,8):1
                                                     (1,9):-3
           (2,5):-4
                                           (2,8):4
(2,4):-2
                      (2,6):3
                                (2,7):3
                                                      (2,9):0
(3,4):0
          (3,5): -2
                     (3,6):-1
                                (3,7):-2
                                           (3,8):2
                                                      (3,9):3
(4,7):1
           (4,8):1
                     (4,9):-1
                                 (5,7):2
                                           (5,8):2
                                                      (5,9):4
(6,7):0
                      (6,9):3
           (6,8): -2
```

490. Inequality 490 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):1
(1,4):1
           (1,5): -2
                                 (1,7): -2
                                           (1,8):1
                                                      (1,9):1
(2,4):-2
                                 (2,7):1
                                           (2,8):2
                                                      (2,9):2
           (2,5):1
                      (2,6):2
(3,4):0
           (3,5):1
                      (3,6):1
                                 (3,7):0
                                           (3,8):2
                                                      (3,9): -2
(4,7):2
           (4,8):1
                      (4,9):2
                                 (5,7):-2
                                           (5,8):0
                                                      (5,9):2
(6,7):1
           (6,8):-2
                     (6,9):-1
```

491. Inequality 491 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5): -2
                      (1,6):1
                                 (1,7):-2
                                            (1,8):1
                                                        (1,9):1
(1,4):1
(2,4):0
                                 (2,7):2
                                            (2,8):2
                                                       (2,9):-1
           (2,5):2
                      (2,6):1
(3,4): -1
           (3,5):1
                      (3,6):2
                                 (3,7):-1
                                            (3,8):2
                                                       (3,9):1
(4,7):2
           (4,8):0
                      (4,9):2
                                 (5,7): -2
                                            (5,8):-1
                                                        (5,9):2
(6,7):1
           (6,8): -2
                      (6,9): -1
```

492. Inequality 492 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):2
                                (1,7):1
                                           (1,8):1
                                                      (1,9):-1
                     (1,6):2
(2,4):-2
           (2,5):1
                     (2,6): -2
                                (2,7):3
                                           (2,8):3
                                                      (2,9):1
(3,4):-1
           (3,5):2
                     (3,6): -2
                                (3,7): -2
                                           (3,8):4
                                                      (3,9):-1
                                                      (5,9):2
(4,7):1
           (4,8):2
                     (4,9):1
                                (5,7):-1
                                           (5,8): -2
(6,7):0
           (6,8):2
                     (6,9):0
```

493. Inequality 493 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):0
                      (1,6):1
                                 (1,7):0
                                           (1,8): -1
                                                       (1,9):1
(2,4):-3
           (2,5):2
                      (2,6): -1
                                 (2,7):3
                                            (2,8):2
                                                       (2,9):1
(3,4):-2
                                (3,7):-2
           (3,5):-1
                      (3,6):1
                                            (3,8):2
                                                      (3,9):2
           (4,8):2
                                                      (5,9):2
(4,7):1
                      (4,9):3
                                (5,7):-2
                                           (5,8):-1
(6,7):2
           (6,8):0
                      (6,9):1
```

494. Inequality 494 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):-1
                      (1,6):3
                                 (1,7):-1
                                            (1,8):0
(1,4):2
                                                       (1,9):1
(2,4):-3
           (2,5):2
                      (2,6):2
                                 (2,7):1
                                            (2,8):3
                                                       (2,9):1
                                 (3,7):-1
(3,4):0
           (3,5):0
                      (3,6):1
                                            (3,8):1
                                                       (3,9):-1
(4,7):1
           (4,8):3
                      (4,9):3
                                (5,7):-2
                                           (5,8): -2
                                                       (5,9):3
(6,7):2
           (6,8): -3
                      (6,9): -1
```

495. Inequality 495 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):2
                                 (1,7):-1
(1,4):1
           (1,5): -1
                                            (1,8):0
                                                       (1,9):1
(2,4):-2
                                                       (2,9):1
           (2,5):1
                      (2,6):2
                                 (2,7):0
                                            (2,8):2
           (3,5):0
(3,4):0
                                (3,7):-1
                                            (3,8):1
                                                       (3,9):-1
                      (3,6):1
(4,7):1
           (4,8):2
                      (4,9):2
                                 (5,7):-1
                                                       (5,9):2
                                           (5,8):-1
                      (6,9):-1
(6,7):2
           (6,8): -2
```

496. Inequality 496 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                      (1,6):0
                                 (1,7):1
                                            (1,8):1
                                                       (1,9):-1
(2,4):-4
           (2,5):2
                      (2,6): -2
                                 (2,7):4
                                            (2,8):2
                                                       (2,9):2
(3,4): -2
           (3,5):0
                      (3,6):2
                                 (3,7):-2
                                            (3,8):3
                                                       (3,9):1
(4,7):1
           (4,8):3
                      (4,9):3
                                 (5,7): -3
                                            (5,8):-3
                                                       (5,9):2
           (6,8): -2
(6,7):3
                      (6,9):1
```

497. Inequality 497 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):1
                                 (1,7):-1
                                                       (1,9):0
(1,4):-1
                      (1,6):1
                                            (1,8):2
(2,4):-4
           (2,5):2
                      (2,6): -2
                                 (2,7):4
                                            (2,8):2
                                                       (2,9):2
(3,4):-1
                                 (3,7):-1
                                                       (3,9):1
           (3,5):-1
                      (3,6):1
                                            (3,8):1
(4,7):2
           (4,8):4
                      (4,9):4
                                 (5,7): -3
                                            (5,8): -3
                                                       (5,9):4
(6,7):3
           (6,8): -2
                      (6,9):1
```

498. Inequality 498 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                     (1,6):1
                                (1,7):-1
                                           (1,8):1
                                                      (1,9): -2
(2,4):-4
           (2,5):2
                     (2,6): -2
                                (2,7):4
                                           (2,8):5
                                                      (2,9):1
(3,4):-3
           (3,5):1
                     (3,6):-1
                                (3,7): -3
                                           (3,8):4
                                                      (3,9):2
(4,7):1
           (4,8):3
                     (4,9):4
                                (5,7):0
                                           (5,8):-3
                                                      (5,9):2
(6,7):1
           (6,8):2
                     (6,9):-1
```

499. Inequality 499 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):0
                      (1,6):1
                                 (1,7):1
                                            (1,8): -1
                                                       (1,9): -2
(2,4):3
                                            (2,8):2
                                                       (2,9):0
           (2,5): -2
                      (2,6): -1
                                 (2,7):2
(3,4):2
           (3,5):1
                      (3,6):1
                                 (3,7):-1
                                            (3,8):2
                                                       (3,9):-3
(4,7):-1
           (4,8): -2
                      (4,9):3
                                 (5,7):2
                                            (5,8):1
                                                       (5,9):2
           (6,8):0
                      (6,9):2
(6,7):-1
```

500. Inequality 500 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5): -1
                     (1,6):1
                                (1,7):-1
                                           (1,8):1
                                                      (1,9): -2
(1,4):2
(2,4):3
          (2,5):2
                     (2,6):2
                                (2,7):-1
                                                      (2,9):-1
                                           (2,8):-3
(3,4):3
          (3,5):0
                     (3,6): -3
                                (3,7):1
                                           (3,8):-1
                                                      (3,9):0
(4,7):1
          (4,8):2
                     (4,9):3
                                (5,7):1
                                           (5,8):2
                                                      (5,9): -2
(6,7):1
          (6,8):1
                     (6,9):2
```

501. Inequality 501 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5): -2
                      (1,6): -2
                                 (1,7):2
                                            (1,8):-1
                                                       (1,9):4
(2,4):-2
           (2,5):3
                      (2,6): -2
                                 (2,7):3
                                            (2,8):4
                                                       (2,9):0
(3,4):-3
           (3,5):0
                      (3,6):1
                                 (3,7):-2
                                            (3,8):3
                                                       (3,9):3
(4,7):0
           (4,8):3
                      (4,9):3
                                 (5,7):-1
                                            (5,8): -3
                                                       (5,9):3
(6,7):2
           (6,8):0
                      (6,9):1
```

502. Inequality 502 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                     (1,6): -2
                                (1,7):2
                                           (1,8):2
                                                      (1,9):-1
(2,4):-2
           (2,5):0
                                (2,7):1
                                           (2,8):2
                                                      (2,9):2
                     (2,6): -1
(3,4):-1
           (3,5):0
                                (3,7):-3
                                           (3,8):3
                                                      (3,9):-1
                     (3,6):2
(4,7):0
           (4,8):2
                     (4,9):2
                                           (5,8): -2
                                                      (5,9):2
                                (5,7): -2
(6,7):2
           (6,8):1
                     (6,9):2
```

503. Inequality 503 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-2
           (1,5):2
                                 (1,7):2
                                           (1,8):3
                                                     (1,9):-3
                      (1,6):2
(2,4):-3
           (2,5):0
                     (2,6): -2
                                (2,7):4
                                           (2,8):3
                                                     (2,9):2
(3,4):0
          (3,5): -2
                      (3,6):2
                                (3,7):-5
                                           (3.8):4
                                                     (3,9):1
(4,7):3
                                                     (5,9):2
           (4,8):3
                     (4,9):1
                                (5,7): -2
                                           (5,8):0
(6,7):2
           (6,8):-1
                      (6,9):1
```

504. Inequality 504 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,9):0
(1,4):1
           (1,5):1
                      (1,6):2
                                (1,7):-1
                                           (1,8):1
(2,4):-2
                                (2,7):2
                                                      (2,9):0
           (2,5):2
                      (2,6):0
                                           (2,8):2
                     (3,6):1
(3,4):-1
           (3,5):0
                                (3,7):-1
                                           (3,8):1
                                                      (3,9):0
           (4,8):2
                     (4,9):1
                                           (5,8):-2
                                                      (5,9):2
(4,7):1
                                (5,7):-1
(6,7):2
           (6,8): -2
                     (6,9):-1
```

505. Inequality 505 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                      (1,6):2
                                (1,7):-1
                                           (1,8):-1
                                                      (1,9):-3
          (2,5): -2
                                           (2,8):2
(2,4):2
                      (2,6):1
                                (2,7):2
                                                      (2,9):-1
(3,4):0
           (3,5):2
                     (3,6): -2
                                (3,7):-2
                                           (3,8):2
                                                      (3,9):0
                      (4,9):3
(4,7):-1
          (4,8): -3
                                (5,7):3
                                           (5,8):1
                                                      (5,9):2
(6,7):-1
           (6,8):3
                      (6,9):3
```

506. Inequality 506 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6): \overline{1}
            (1,5):1
                                   (1,7):0
                                               (1,8):1
                                                          (1,9):0
(1,4):1
(2,4):-3
            (2,5):4
                       (2,6): -1
                                   (2,7):4
                                               (2,8):3
                                                          (2,9):-1
(3,4): -1
            (3,5):2
                                   (3,7):-2
                                                          (3,9):-1
                       (3,6):1
                                               (3,8):3
(4,7):2
            (4,8):3
                       (4,9):2
                                   (5,7): -2
                                              (5,8):-4
                                                          (5,9):3
(6,7):2
            (6,8): -2
                       (6,9): -1
```

507. Inequality 507 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):1
                      (1,6):2
                                 (1,7):-1
                                            (1,8):1
                                                       (1,9):0
                      (2,6):0
(2,4):-3
           (2,5):2
                                 (2,7):3
                                            (2,8):3
                                                       (2,9):1
(3,4):1
           (3,5):0
                      (3,6):0
                                 (3,7):-1
                                            (3,8):2
                                                       (3,9): -2
(4,7):2
           (4,8):1
                      (4,9):2
                                (5,7):-1
                                            (5,8):-1
                                                       (5,9):1
(6,7):2
           (6,8): -2
                      (6,9): -2
```

508. Inequality 508 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4): -2
           (1,5):0
                      (1,6): -1
                                 (1,7):1
                                            (1,8):1
                                                        (1,9):1
(2,4):-1
           (2,5):3
                                 (2,7):3
                                            (2,8):2
                                                       (2,9): -2
                      (2,6):1
(3,4):-1
           (3,5): -1
                      (3,6):3
                                 (3,7):-4
                                            (3,8):4
                                                       (3,9):3
                                            (5,8):-2
(4,7):4
           (4,8):2
                      (4,9):4
                                 (5,7): -3
                                                        (5,9):3
           (6,8):-1
                      (6,9):-1
(6,7):1
```

509. Inequality 509 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):1
                      (1,6):1
                                (1,7):-1
                                           (1,8):1
                                                     (1,9): -2
(1,4):2
                                (2,7):2
                                                      (2,9):0
(2,4):-2
           (2,5):2
                      (2,6):1
                                           (2,8):1
(3,4): -1
           (3,5): -3
                     (3,6):2
                                (3,7):-1
                                           (3,8):2
                                                      (3,9):1
(4,7):2
           (4,8):1
                      (4,9):2
                                (5,7): -2
                                           (5,8):0
                                                      (5,9):2
(6,7):0
           (6,8):-1
                      (6,9):1
```

510. Inequality 510 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4): -2
           (1,5):0
                      (1,6): -1
                                  (1,7):1
                                             (1,8):1
                                                        (1,9):1
(2,4):-1
           (2,5):1
                      (2,6):1
                                 (2,7):1
                                            (2,8):1
                                                       (2,9):-1
(3,4):-1
           (3,5): -1
                      (3,6):2
                                 (3,7): -2
                                            (3,8):2
                                                        (3,9):2
(4,7):2
           (4,8):2
                      (4,9):2
                                 (5,7):-1
                                            (5,8):-1
                                                        (5,9):2
(6,7):1
           (6,8): -1
                      (6,9):0
```

511. Inequality 511 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):4
           (1,5):2
                      (1,6):2
                                 (1,7): -2
                                            (1,8):0
                                                      (1,9): -2
(2,4):-3
                                 (2,7):2
                                            (2,8):2
                                                       (2,9):0
           (2,5):2
                      (2,6):1
(3,4):-1
           (3,5): -3
                                (3,7):-4
                                                       (3,9):3
                      (3,6):3
                                            (3,8):2
                                (5,7):-2
                                           (5,8):-2
(4,7):4
           (4,8):3
                      (4,9):3
                                                       (5,9):3
(6,7):2
           (6,8):-1
                      (6,9):-1
```

512. Inequality 512 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):2
                      (1,6):2
                                 (1,7):1
                                                      (1,9):-1
(1,4):1
                                            (1,8): -1
(2,4):-1
           (2,5):2
                      (2,6):1
                                 (2,7):2
                                            (2,8):1
                                                      (2,9):-1
                                 (3,7):-3
                                                       (3,9):3
(3,4):-1
           (3,5): -3
                      (3,6):3
                                            (3,8):1
(4,7):3
           (4,8):1
                      (4,9):3
                                (5,7):-4
                                            (5,8):0
                                                       (5,9):3
           (6,8):0
                      (6,9):-1
(6,7):1
```

513. Inequality 513 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):0
                                 (1,7):1
(1,4): -2
                      (1,6): -1
                                            (1,8):1
                                                       (1,9):1
(2,4):-1
           (2,5):3
                                                       (2,9):-2
                      (2,6):1
                                 (2,7):3
                                            (2,8):4
           (3,5):3
(3,4):-1
                      (3,6):2
                                 (3,7):-4
                                            (3,8):5
                                                       (3,9):-1
(4,7):1
           (4,8):3
                      (4,9):2
                                            (5,8):-3
                                 (5,7):0
                                                       (5,9):3
(6,7):1
           (6,8): -2
                      (6,9): -1
```

514. Inequality 514 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,9):3
(1,4): -2
          (1,5):-1
                     (1,6):2
                                (1,7):0
                                           (1,8):2
                                                     (2,9): -2
(2,4):0
          (2,5):2
                     (2,6):1
                                (2,7):2
                                          (2,8):1
(3,4):1
          (3,5):-1
                     (3,6):2
                                (3,7): -3
                                          (3,8):2
                                                     (3,9):-1
(4,7):2
                     (4,9):2
                               (5,7):-2
          (4,8):1
                                          (5,8):0
                                                     (5,9):2
(6,7):1
          (6,8): -2
                     (6,9):0
```

515. Inequality 515 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):1
                                 (1,7):1
                                             (1,8):0
                                                       (1,9): -2
(1,4):1
                      (1,6):1
(2,4):-3
                                            (2,8):2
           (2,5):3
                      (2,6): -1
                                 (2,7):3
                                                       (2,9):0
(3,4): -1
           (3,5):0
                                 (3,7):-2
                      (3,6):2
                                            (3,8):2
                                                       (3,9):-1
(4,7):1
           (4,8):4
                      (4,9):4
                                 (5,7): -3
                                            (5,8): -2
                                                       (5,9):3
(6,7):2
           (6,8): -2
                      (6,9):2
```

516. Inequality 516 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
          (1,5): -2
                     (1,6):2
                                (1,7):1
                                           (1,8):-1
                                                      (1,9):-1
(2,4):3
          (2,5):4
                     (2,6):2
                                (2,7): -2
                                           (2,8): -3
                                                      (2,9):0
(3,4):3
          (3,5):1
                     (3,6): -3
                                (3,7):2
                                           (3,8): -2
                                                      (3,9):1
(4,7):0
          (4,8):3
                     (4,9):2
                                (5,7):2
                                           (5,8):2
                                                      (5,9):-3
          (6,8):1
(6,7):1
                     (6,9):1
```

517. Inequality 517 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):0
                      (1,6):1
                                 (1,7):-1
                                            (1,8):1
                                                       (1,9):2
(2,4):-4
           (2,5):5
                                 (2,7):5
                                            (2,8):5
                                                       (2,9):-2
                      (2,6): -1
(3,4):0
           (3,5):4
                      (3,6):1
                                 (3,7):-4
                                            (3,8):4
                                                       (3,9): -3
(4,7):3
           (4,8):4
                      (4,9):4
                                 (5,7):-1
                                            (5,8):-5
                                                       (5,9):5
           (6,8):-1
                      (6,9): -2
(6,7):2
```

518. Inequality 518 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                     (1,6):2
                                (1,7):0
                                           (1,8):-1
                                                      (1,9): -2
(2,4):-1
           (2,5):3
                                (2,7):2
                                                      (2,9):-1
                     (2,6):-1
                                           (2,8):2
(3,4):-1
           (3,5):0
                     (3,6):2
                                (3,7): -2
                                           (3,8):2
                                                      (3,9):-1
(4,7):0
           (4,8):2
                     (4,9):1
                                (5,7): -2
                                           (5,8):-1
                                                      (5,9):2
(6,7):2
           (6,8):0
                     (6,9):1
```

519. Inequality 519 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):2
                     (1,6):2
                                (1,7):0
                                           (1,8):0
                                                      (1,9): -2
(2,4):-2
           (2,5):1
                     (2,6):1
                                (2,7):1
                                           (2,8):1
                                                      (2,9):0
(3,4):1
          (3,5):3
                     (3,6): -3
                                (3,7):-1
                                           (3,8):3
                                                      (3,9):-3
(4,7):2
                                                      (5,9):4
          (4,8):3
                     (4,9):4
                                (5,7):-1
                                           (5,8): -3
(6,7):-1
           (6,8):2
                     (6,9):-1
```

520. Inequality 520 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):3
           (1,5):1
                     (1,6):2
                                (1,7):-1
                                           (1,8): -1
                                                      (1,9): -2
          (2,5):4
(2,4):0
                     (2,6): -3
                                (2,7):1
                                           (2,8):3
                                                      (2,9):-3
(3,4):-2
          (3,5):2
                                (3,7):-1
                                                      (3,9):0
                     (3,6):2
                                           (3,8):3
                                           (5,8):-3
                                                      (5,9):3
          (4,8):3
                                (5,7):-1
(4,7):1
                     (4,9):3
(6,7):1
           (6,8):1
                     (6,9):-1
```

521. Inequality 521 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):1
                      (1,6):2
                                            (1,8):2
                                                       (1,9): -2
                                 (1,7):2
(2,4):-2
           (2,5):1
                      (2,6): -1
                                 (2,7):1
                                            (2,8):1
                                                       (2,9):0
                                 (3,7):-2
(3,4):-1
           (3,5):1
                      (3,6):1
                                            (3,8):2
                                                       (3,9):-1
(4,7):1
           (4,8):3
                      (4,9):2
                                 (5,7):0
                                            (5,8): -1
                                                       (5,9):2
(6,7):0
           (6,8): -1
                      (6,9):1
```

522. Inequality 522 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):0
                      (1,6):2
                                (1,7):-1
                                           (1,8):1
                                                      (1,9):1
(2,4):-2
                                (2,7):2
                                                      (2,9):1
           (2,5):1
                      (2,6):0
                                           (2,8):2
                      (3,6):1
(3,4):-1
           (3,5):0
                                (3,7):-1
                                           (3,8):1
                                                      (3,9):0
           (4,8):2
                                                      (5,9):2
(4,7):1
                      (4,9):1
                                (5,7):-1
                                           (5,8):-2
(6,7):2
                     (6,9):-1
           (6,8): -2
```

523. Inequality 523 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):1
                      (1,6):2
                                 (1,7):0
                                           (1,8):-1
                                                      (1,9):1
(2,4):-2
           (2,5):0
                     (2,6):-1
                                 (2,7):2
                                           (2,8):2
                                                      (2,9):1
(3,4):0
          (3,5):-1
                      (3,6):1
                                (3,7):-3
                                           (3,8):2
                                                      (3,9):1
(4,7):2
           (4,8):1
                      (4,9):2
                                (5,7):-1
                                           (5,8):0
                                                      (5,9):1
(6,7):2
           (6,8):2
                     (6,9): -2
```

524. Inequality 524 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):-1
                                                     (1,9):1
(1,4):2
           (1,5):0
                      (1,6):1
                                           (1,8):1
                                           (2,8):2
(2,4):-3
          (2,5): -2
                     (2,6):1
                                (2,7):2
                                                     (2,9):0
                                (3,7):-2
                                           (3,8):2
                                                     (3,9):0
(3,4):0
          (3,5):2
                     (3,6):2
(4,7):3
           (4,8):1
                     (4,9): -3
                                (5,7):3
                                           (5,8):0
                                                     (5,9):3
(6,7):1
          (6,8): -2
                     (6,9):-1
```

525. Inequality 525 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):1
                      (1,6):1
                                 (1,7):1
                                            (1,8):0
                                                       (1,9):0
(2,4):-3
                      (2,6): -2
                                 (2,7):3
                                            (2,8):1
                                                       (2,9):2
           (2,5):1
(3,4):-1
           (3,5): -1
                      (3,6):1
                                 (3,7):-1
                                            (3,8):1
                                                       (3,9):1
(4,7):2
           (4,8):2
                      (4,9):3
                                 (5,7): -3
                                            (5,8):-1
                                                       (5,9):3
(6,7):2
           (6,8): -1
                      (6,9):1
```

526. Inequality 526 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):0
                      (1,6): -2
                                 (1,7):1
                                            (1,8): -1
                                                       (1,9):1
(2,4):-3
                      (2,6):0
                                 (2,7):3
                                            (2,8):3
                                                       (2,9):1
           (2,5):2
(3,4):-2
           (3,5):0
                      (3,6): -1
                                 (3,7):-1
                                            (3,8):2
                                                       (3,9):2
(4,7):1
           (4,8):3
                      (4,9):2
                                 (5,7):-2
                                            (5,8): -2
                                                       (5,9):2
(6,7):2
           (6,8):-1
                      (6,9):2
```

527. Inequality 527 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,8):1
          (1,5):-1
                      (1,6):2
                                (1,7):-1
                                                     (1,9):0
(1,4):3
                                           (2,8):1
                                                     (2,9):0
(2,4):-2
          (2,5):2
                      (2,6):2
                                (2,7):3
(3,4):-1
          (3,5):-1
                      (3,6):1
                                (3,7):-1
                                           (3,8):1
                                                     (3,9):1
(4,7):2
           (4,8):0
                      (4,9):2
                                (5,7):-2
                                           (5,8):0
                                                     (5,9):2
(6,7):-1
          (6,8):-1
                     (6,9):-1
```

528. Inequality 528 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):0
                      (1,6):2
                                 (1,7):-1
                                            (1,8):1
                                                       (1,9):1
(2,4):-3
           (2,5):3
                      (2,6):1
                                 (2,7):3
                                            (2,8):4
                                                       (2,9):0
(3,4):0
           (3,5):2
                      (3,6):0
                                 (3,7):-2
                                            (3,8):2
                                                       (3,9): -2
(4,7):2
           (4,8):2
                      (4,9):2
                                (5,7):-1
                                           (5,8): -3
                                                       (5,9):3
(6,7):1
           (6,8): -2
                      (6,9): -2
```

529. Inequality 529 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5): -2
                      (1,6):1
                                 (1,7): -2
                                            (1,8):1
                                                       (1,9):1
(2,4):0
                                 (2,7):2
                                            (2,8):2
                                                       (2,9): -2
           (2,5):3
                      (2,6):1
           (3,5):0
                                 (3,7):-1
                                                       (3,9):2
(3,4):-1
                      (3,6):2
                                            (3,8):2
(4,7):3
           (4,8):0
                      (4,9):3
                                (5,7):-3
                                            (5,8):-1
                                                       (5,9):3
(6,7):1
           (6,8): -2
                      (6,9):-1
```

530. Inequality 530 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):-1
                      (1,6):2
                                 (1,7):-1
                                                      (1,9):0
(1,4):1
                                           (1,8):-1
(2,4):-3
           (2,5):2
                      (2,6):2
                                 (2,7):2
                                            (2,8):2
                                                      (2,9):1
(3,4):-1
           (3,5):0
                      (3,6): -1
                                (3,7):-1
                                            (3,8):2
                                                      (3,9):1
(4,7):1
           (4,8):2
                      (4,9):2
                                (5,7):-1
                                           (5,8): -2
                                                      (5,9):2
(6,7):0
           (6,8):1
                      (6,9):0
```

531. Inequality 531 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6): -2
                                (1,7):2
                                                      (1,9):-1
(1,4):1
           (1,5):2
                                           (1,8):2
(2,4):-3
           (2,5):0
                                (2,7):2
                                           (2,8):2
                                                      (2,9):2
                     (2,6): -1
                     (3,6):1
(3,4):-1
           (3,5):0
                                (3,7): -3
                                           (3,8):3
                                                      (3,9):0
           (4,8):2
                     (4,9):2
                                           (5,8):-2
                                                      (5,9):2
(4,7):1
                                (5,7): -2
(6,7):2
           (6,8):1
                     (6,9):1
```

532. Inequality 532 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):1
                     (1,6): -1
                                (1,7):1
                                           (1,8):1
                                                      (1,9):-1
                                                      (2,9):2
(2,4):-2
           (2,5):0
                     (2,6): -1
                                (2,7):2
                                           (2,8):1
(3,4):-1
           (3,5):0
                     (3,6):1
                                (3,7): -2
                                           (3,8):2
                                                      (3,9):0
                                                      (5,9):2
(4,7):1
           (4,8):1
                     (4,9):2
                                (5,7): -2
                                           (5,8):-1
(6,7):2
           (6,8):0
                     (6,9):1
```

533. Inequality 533 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):2
                                 (1,7):-1
(1,4):0
                      (1,6):2
                                            (1,8):3
                                                       (1,9): -2
(2,4):-3
           (2,5):3
                                            (2,8):2
                      (2,6): -1
                                 (2,7):3
                                                       (2,9):0
(3,4): -1
           (3,5):-1
                                 (3,7):-1
                      (3,6):1
                                            (3,8):1
                                                       (3,9):1
(4,7):2
           (4,8):4
                      (4,9):4
                                 (5,7): -3
                                            (5,8):-3
                                                       (5,9):4
(6,7):2
           (6,8): -3
                      (6,9):1
```

534. Inequality 534 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
\overline{(1,7)}:0
(1,4):0
            (1,5):2
                       (1,6):2
                                              (1,8):1
                                                         (1,9):-1
                       (2,6): -1
(2,4):-2
            (2,5):2
                                   (2,7):2
                                                          (2,9):0
                                              (2,8):1
(3,4):-1
           (3,5):-1
                       (3,6):1
                                  (3,7):-1
                                              (3,8):1
                                                          (3,9):1
(4,7):2
            (4,8):2
                       (4,9):3
                                  (5,7): -3
                                              (5,8):-1
                                                          (5,9):3
(6,7):2
           (6,8): -2
                       (6,9):0
```

535. Inequality 535 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):0
                      (1,6):2
                                 (1,7):1
                                            (1,8):0
                                                      (1,9):1
(2,4):-2
           (2,5):2
                                 (2,7):1
                                            (2,8):2
                                                      (2,9):0
                      (2,6):1
(3,4):-1
           (3,5):-1
                      (3,6):1
                                 (3,7):-1
                                            (3,8):1
                                                      (3,9):1
                                           (5,8): -2
(4,7):0
           (4,8):3
                      (4,9):2
                                (5,7):-2
                                                      (5,9):3
(6,7):1
           (6,8): -2
                      (6,9):-1
```

536. Inequality 536 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):3
                                 (1,7):-3
                                           (1,8):0
                                                      (1,9):-4
                      (1,6):3
(2,4):3
           (2,5):0
                                 (2,7):2
                                           (2,8):2
                                                      (2,9): -2
                      (2,6):-1
(3,4):1
           (3,5): -2
                      (3,6):2
                                 (3,7):-2
                                           (3,8):4
                                                      (3,9):1
(4,7):-1
           (4,8): -3
                      (4,9):3
                                 (5,7):1
                                           (5,8):3
                                                      (5,9):3
(6,7):3
           (6,8): -2
                      (6,9):1
```

537. Inequality 537 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):0
                      (1,6):1
                                 (1,7):1
                                           (1,8):-1
                                                      (1,9):2
(2,4):-5
           (2,5):3
                      (2,6): -2
                                 (2,7):3
                                            (2,8):3
                                                      (2,9):0
(3,4):-3
           (3,5):2
                      (3,6):3
                                (3,7):-2
                                            (3,8):4
                                                      (3,9):2
(4,7):2
                                                      (5,9):3
           (4,8):4
                      (4,9):5
                                (5,7):-1
                                           (5,8): -3
                     (6,9): -2
(6,7):1
           (6,8):-1
```

538. Inequality 538 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):0
                      (1,6):1
                                 (1,7):1
                                           (1,8): -1
                                                       (1,9):2
                                                       (2,9):0
(2,4):-4
           (2,5):2
                      (2,6): -2
                                 (2,7):2
                                            (2,8):2
(3,4):-2
           (3,5):2
                                (3,7):-1
                                                      (3,9):1
                      (3,6):3
                                            (3,8):3
                                           (5,8):-2
(4,7):2
           (4,8):3
                      (4,9):4
                                (5,7):-1
                                                      (5,9):3
(6,7):1
           (6,8):-1
                      (6,9): -2
```

539. Inequality 539 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5): -1
(1,4):0
                     (1,6):1
                                (1,7):1
                                           (1,8):1
                                                      (1,9): -2
(2,4):2
          (2,5):1
                     (2,6):2
                                (2,7):0
                                          (2,8): -2
                                                      (2,9):-1
                                (3,7):1
                                          (3,8): -1
                                                      (3,9):0
(3,4):2
          (3,5):0
                     (3,6): -2
(4,7):1
          (4,8):2
                     (4,9):3
                                (5,7):1
                                           (5,8):1
                                                      (5,9): -2
(6,7):0
          (6,8):1
                     (6,9):2
```

540. Inequality 540 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):1
                                 (1,7):2
(1,4):-3
           (1,5): -3
                                            (1,8):1
                                                      (1,9):2
(2,4):-3
                                                      (2,9):-1
           (2,5):4
                      (2,6):0
                                 (2,7):4
                                            (2,8):4
(3,4):0
                                (3,7):-4
                                            (3,8):4
                                                      (3,9):1
           (3,5):1
                      (3,6):2
(4,7):4
           (4,8):3
                      (4,9):1
                                (5,7):-1
                                                       (5,9):2
                                           (5,8):-3
(6,7):1
           (6,8): -1
                      (6,9): -1
```

541. Inequality 541 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-2
           (1,5):-1
                      (1,6):1
                                 (1,7):1
                                           (1,8):-1
                                                      (1,9):2
(2,4):-5
           (2,5):3
                     (2,6): -2
                                 (2,7):5
                                            (2,8):4
                                                      (2,9):3
(3,4):-3
           (3,5):1
                      (3,6):1
                                (3,7):-3
                                           (3,8):4
                                                      (3,9):2
(4,7):2
           (4,8):3
                      (4,9):5
                                (5,7): -2
                                           (5,8):-4
                                                      (5,9):3
(6,7):1
           (6,8):0
                      (6,9):1
```

542. Inequality 542 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):-1
                                 (1,7):2
                                                       (1,9):1
(1,4): -2
                      (1,6):1
                                            (1,8):1
(2,4):-2
                                            (2,8):3
                                                      (2,9):-1
           (2,5):2
                     (2,6): -1
                                 (2,7):3
(3,4):0
           (3,5):0
                                (3,7):-3
                      (3,6):1
                                            (3,8):3
                                                       (3,9):1
(4,7):3
           (4,8):2
                      (4,9):1
                                (5,7):-1
                                           (5,8):-1
                                                       (5,9):1
(6,7):0
           (6,8):0
                      (6,9): -1
```

543. Inequality 543 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5): -1
                      (1,6):1
                                 (1,7):0
                                            (1,8):-1
                                                       (1,9):0
                      (2,6):0
(2,4):-1
           (2,5):2
                                 (2,7):2
                                            (2,8):2
                                                      (2,9):-1
(3,4):-1
           (3,5):2
                      (3,6):2
                                 (3,7): -2
                                            (3,8):3
                                                       (3,9):0
(4,7):1
           (4,8):2
                      (4,9):2
                                 (5,7):0
                                            (5,8):-3
                                                       (5,9):2
(6,7):1
           (6,8): -1
                      (6,9):-1
```

544. Inequality 544 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
          (1,5): -2
                     (1,6):0
                                (1,7):1
                                           (1,8):1
                                                     (1,9):-1
(2,4):3
          (2,5):2
                                (2,7):-2
                                          (2,8):-2
                                                      (2,9):0
                     (2,6): -1
(3,4):1
          (3,5):0
                     (3,6):1
                                (3,7):2
                                          (3,8):-3
                                                     (3,9):-1
(4,7):1
          (4,8):2
                     (4,9):2
                                (5,7):3
                                           (5,8):3
                                                     (5,9): -2
(6,7):1
          (6,8):1
                     (6,9):2
```

545. Inequality 545 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
          (1,5):-1
                     (1,6):1
                                (1,7):0
                                           (1,8):0
                                                     (1,9):1
                                (2,7):3
                                                     (2,9):1
(2,4):-3
           (2,5):2
                     (2,6):0
                                           (2,8):3
                                                     (3,9):2
(3,4): -2
           (3,5):0
                     (3,6):0
                               (3,7):-2
                                           (3,8):2
(4,7):1
           (4,8):2
                     (4,9):3
                               (5,7):-1
                                          (5,8): -2
                                                     (5,9):2
(6,7):1
          (6,8):-1
                     (6,9):1
```

546. Inequality 546 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
          (1,5): -2
                     (1,6):1
                                (1,7):0
                                           (1,8):1
                                                      (1,9): -2
(2,4):3
          (2,5):3
                     (2,6):1
                                (2,7):-3
                                           (2,8): -3
                                                      (2,9): -1
(3,4):2
          (3,5):0
                     (3,6): -2
                                (3,7):3
                                           (3,8):-3
                                                      (3,9):0
(4,7):2
                     (4,9):3
                                                      (5,9):-2
          (4,8):2
                                (5,7):3
                                           (5,8):4
(6,7):1
          (6,8):1
                     (6,9):2
```

547. Inequality 547 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):0
           (1,5):0
                     (1,6):1
                                (1,7):1
                                           (1,8): -1
                                                     (1,9):1
                                (2,7):2
                                           (2,8):2
                                                     (2,9):1
(2,4):-3
          (2,5):1
                     (2,6): -1
          (3,5):0
                                (3,7):-1
                                                     (3,9):2
(3,4): -2
                     (3,6):1
                                           (3,8):2
                                           (5,8):-2
                                                     (5,9):2
           (4,8):3
                     (4,9):3
(4,7):1
                                (5,7):-1
(6,7):0
           (6,8):0
                     (6,9): -1
```

548. Inequality 548 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):1
                     (1,6):2
                                (1,7):-1
                                           (1,8):-1
                                                     (1,9):-1
(1,4):2
(2,4):-3
          (2,5):0
                     (2,6):2
                                (2,7):2
                                           (2,8):1
                                                      (2,9):2
                                (3,7):-1
(3,4):-1
          (3,5):1
                     (3,6): -1
                                           (3,8):2
                                                      (3,9):0
(4,7):2
          (4,8):2
                     (4,9):2
                                (5,7):-1
                                          (5,8):-1
                                                      (5,9):2
           (6,8):1
                     (6,9):-1
(6,7):-1
```

549. Inequality 549 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6): -1
                                (1,7):1
                                                     (1,9):-1
(1,4):1
           (1,5):1
                                           (1,8):1
(2,4):-2
          (2,5):0
                                           (2,8):2
                                                      (2,9):2
                     (2,6): -1
                                (2,7):1
(3,4):-1
          (3,5):0
                     (3,6):1
                                (3,7):-2
                                           (3,8):2
                                                      (3,9):0
(4,7):0
          (4,8):2
                     (4,9):2
                                          (5,8):-2
                                                      (5,9):2
                                (5,7):-1
(6,7):1
           (6,8):1
                     (6,9):1
```

550. Inequality 550 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):0
           (1,5):3
                      (1,6):1
                                 (1,7):2
                                            (1,8):2
                                                       (1,9): -2
(2,4):-1
           (2,5):1
                      (2,6): -1
                                 (2,7):1
                                            (2,8):1
                                                       (2,9):1
(3,4):-1
           (3,5):-1
                      (3,6):2
                                 (3,7):-3
                                            (3,8):3
                                                       (3,9):2
                      (4,9):3
                                 (5,7):-3
(4,7):2
           (4,8):1
                                            (5,8):-2
                                                       (5,9):2
(6,7):1
           (6,8): -1
                      (6,9):0
```

551. Inequality 551 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):1
                                                      (1,9): -2
(1,4):2
          (1,5): -2
                     (1,6):1
                                           (1,8):0
          (2,5):3
                     (2,6):1
(2,4):3
                                (2,7): -3
                                           (2,8): -3
                                                      (2,9):-1
(3,4):2
          (3,5):0
                                (3,7):3
                                           (3,8):-3
                                                      (3,9):0
                     (3,6): -2
(4,7):0
          (4,8):4
                     (4,9):3
                                (5,7):4
                                           (5,8):3
                                                      (5,9):-2
(6,7):3
          (6,8):-1
                     (6,9):2
```

552. Inequality 552 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):-1
                      (1,6):1
                                 (1,7):1
                                           (1,8):-1
                                                      (1,9):1
                                           (2,8):3
(2,4):-3
           (2,5):2
                     (2,6): -1
                                 (2,7):3
                                                      (2,9):2
(3,4):-2
           (3,5):1
                      (3,6):1
                                (3,7):-2
                                            (3,8):3
                                                      (3,9):1
(4,7):1
           (4,8):2
                      (4,9):3
                                (5,7):-1
                                           (5,8):-3
                                                      (5,9):2
(6,7):0
           (6,8):0
                      (6,9):1
```

553. Inequality 553 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):-1
                      (1,6):1
                                (1,7): -2
                                            (1,8):1
                                                       (1,9):2
(2,4):-3
           (2,5):2
                      (2,6):2
                                (2,7):1
                                            (2,8):3
                                                       (2,9):1
(3,4):0
           (3,5):0
                      (3,6):2
                                (3,7): -2
                                            (3,8):2
                                                      (3,9): -2
(4,7):2
           (4,8):3
                      (4,9):3
                                (5,7): -2
                                           (5,8):-1
                                                       (5,9):2
           (6,8): -2
(6,7):3
                      (6,9):0
```

554. Inequality 554 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-2
           (1,5):2
                      (1,6):2
                                 (1,7):2
                                            (1,8):2
                                                       (1,9): -2
           (2,5):0
                                 (2,7):3
                                            (2,8):2
                                                       (2,9):1
(2,4):-2
                      (2,6): -2
(3,4):0
           (3,5): -1
                      (3,6):1
                                 (3,7):-4
                                            (3,8):3
                                                       (3,9):1
(4,7):3
           (4,8):2
                      (4,9):1
                                 (5,7): -2
                                            (5,8):-1
                                                       (5,9):2
(6,7):2
           (6,8):0
                      (6,9):1
```

555. Inequality 555 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):-1
                                (1,7):-1
                                           (1,8): -2
                                                      (1,9):2
                      (1,6):1
(2,4):-2
           (2,5):0
                      (2,6):1
                                 (2,7):3
                                            (2,8):2
                                                      (2,9):2
(3,4):0
           (3,5):1
                      (3,6):1
                                (3,7):-3
                                            (3,8):3
                                                      (3,9):0
(4,7):2
           (4,8):2
                      (4,9):1
                                (5,7):-1
                                           (5,8):-1
                                                      (5,9):2
                     (6,9): -1
(6,7):0
           (6,8):0
```

556. Inequality 556 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):0
           (1,5): -2
                      (1,6):2
                                 (1,7):-1
                                            (1,8): -2
                                                       (1,9):3
(2,4):-1
           (2,5):1
                      (2,6):1
                                 (2,7):1
                                            (2,8):1
                                                       (2,9):1
                                            (3,8):2
(3,4):0
           (3,5):2
                                 (3,7):-2
                                                      (3,9):0
                      (3,6):2
                                                      (5,9):2
                                           (5,8): -3
(4,7):1
           (4,8):3
                      (4,9):3
                                 (5,7):0
(6,7):1
           (6,8):1
                      (6,9): -3
```

557. Inequality 557 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5): -2
                                 (1,7):-1
                      (1,6):2
                                           (1,8):-1
                                                      (1,9):3
(2,4):-2
           (2,5):1
                      (2,6):0
                                 (2,7):2
                                            (2,8):2
                                                      (2,9):1
                                                      (3,9):0
(3,4):0
           (3,5):2
                      (3,6):2
                                (3,7):-2
                                            (3,8):2
(4,7):1
           (4,8):2
                      (4,9):2
                                (5,7):-1
                                           (5,8): -2
                                                      (5,9):2
(6,7):1
           (6,8):1
                      (6,9): -2
```

558. Inequality 558 with incidence 33 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,5):3
                      (1,6):1
                                 (1,7):1
(1,4):2
                                            (1,8):2
                                                      (1,9):-1
(2,4):-3
           (2,5):3
                                                      (2,9):0
                      (2,6):0
                                 (2,7):3
                                            (2,8):3
           (3,5):2
                      (3,6):1
(3,4):-1
                                (3,7):-2
                                            (3,8):3
                                                      (3,9):-1
(4,7):1
           (4,8):2
                      (4,9):1
                                (5,7):-2
                                                      (5,9):2
                                           (5,8):-4
(6,7):1
           (6,8): -2
                      (6,9): -1
```

559. Inequality 559 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):3
                      (1,6): -1
                                 (1,7):2
                                            (1,8):1
                                                       (1,9): -2
(2,4):-3
           (2,5):3
                      (2,6):1
                                 (2,7):3
                                            (2,8):3
                                                       (2,9):1
(3,4):0
           (3,5):3
                      (3,6):1
                                 (3,7): -3
                                            (3,8):3
                                                       (3,9): -2
(4,7):2
                                 (5,7): -2
           (4,8):2
                      (4,9):2
                                            (5,8):-4
                                                       (5,9):3
                      (6,9): -2
(6,7):2
           (6,8): -1
```

560. Inequality 560 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):0
                                 (1,7):2
(1,4):-3
                      (1,6): -2
                                            (1,8):1
                                                       (1,9):2
(2,4):-2
           (2,5):1
                                                      (2,9):-1
                      (2,6):2
                                 (2,7):3
                                            (2,8):3
(3,4): -1
           (3,5):0
                                 (3,7):-3
                      (3,6):1
                                            (3,8):4
                                                       (3,9):1
(4,7):3
           (4,8):3
                      (4,9):2
                                 (5,7):-1
                                            (5,8):-1
                                                       (5,9):1
(6,7):0
           (6,8): -2
                      (6,9):1
```

561. Inequality 561 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4): -\overline{2}
            (1,5):0
                       (1,6): -2
                                   (1,7):1
                                               (1,8):1
                                                          (1,9):2
(2,4):-2
            (2,5):1
                       (2,6):2
                                   (2,7):3
                                              (2,8):3
                                                          (2,9):-1
(3,4): -2
            (3,5):0
                       (3,6):2
                                   (3,7): -3
                                              (3,8):3
                                                          (3,9):0
(4,7):1
            (4,8):3
                       (4,9):2
                                   (5,7):-1
                                              (5,8):-1
                                                          (5,9):1
                       (6,9):2
(6,7):1
           (6,8): -1
```

562. Inequality 562 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):1
                      (1,6):1
                                (1,7):1
                                           (1,8):-1
                                                      (1,9): -2
(2,4):-2
           (2,5):3
                      (2,6):1
                                (2,7):3
                                           (2,8):4
                                                      (2,9):-1
(3,4):-1
           (3,5):2
                      (3,6):1
                                (3,7): -3
                                           (3,8):3
                                                      (3,9): -2
(4,7):0
           (4,8):3
                      (4,9):2
                                (5,7):-1
                                           (5,8):-2
                                                      (5,9):3
(6,7):0
           (6,8):-1
                      (6,9):0
```

563. Inequality 563 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):1
                      (1,6):1
                                (1,7):1
                                           (1,8):-1
                                                      (1,9): -2
(2,4):-2
           (2,5):2
                                (2,7):3
                                                      (2,9):-1
                      (2,6):1
                                           (2,8):3
(3,4):-1
           (3,5):1
                      (3,6):2
                                (3,7): -3
                                           (3,8):3
                                                      (3,9): -2
(4,7):0
           (4,8):3
                      (4,9):2
                                (5,7):-1
                                           (5,8):-1
                                                      (5,9):2
(6,7):0
           (6,8):-1
                      (6,9):1
```

564. Inequality 564 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):0
                      (1,6): -2
                                 (1,7):1
                                            (1,8):2
                                                       (1,9):2
(2,4):-1
           (2,5):1
                      (2,6):1
                                 (2,7):1
                                            (2,8):1
                                                       (2,9):-1
(3,4):-1
           (3,5): -1
                      (3,6):2
                                 (3,7): -2
                                            (3,8):2
                                                       (3,9):0
(4,7):0
           (4,8):2
                      (4,9):1
                                 (5,7):-1
                                            (5,8):-1
                                                       (5,9):2
                      (6,9):2
(6,7):1
           (6,8):0
```

565. Inequality 565 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-2
           (1,5):0
                      (1,6): -1
                                 (1,7):1
                                            (1,8):1
                                                       (1,9):1
(2,4):-1
           (2,5):2
                                 (2,7):2
                                                      (2,9):-1
                      (2,6):1
                                            (2,8):1
                                 (3,7):-3
(3,4):-1
           (3,5):-1
                      (3,6):3
                                            (3,8):3
                                                       (3,9):3
                                (5,7):-2
(4,7):3
           (4,8):2
                      (4,9):3
                                           (5,8): -2
                                                       (5,9):3
(6,7):1
           (6,8):-1
                      (6,9):-1
```

566. Inequality 566 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
          (1,5):-1
                     (1,6): -1
                                 (1,7):1
                                                       (1,9): -2
                                            (1,8):1
(2,4):2
          (2,5):3
                     (2,6):3
                                (2,7): -3
                                            (2,8):4
                                                       (2,9):-1
                                 (3,7):2
                                            (3,8):2
                                                       (3,9):2
(3,4):0
          (3,5):1
                     (3,6): -1
(4,7):0
          (4,8): -2
                      (4,9):2
                                 (5,7):2
                                           (5,8): -2
                                                       (5,9): -3
(6,7):2
          (6,8): -1
                      (6,9):2
```

567. Inequality 567 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):1
(1,4): -2
           (1,5): -1
                      (1,6): -1
                                            (1,8):1
                                                       (1,9):2
(2,4):0
                                            (2,8):2
                                                       (2,9):-1
           (2,5):1
                      (2,6): -1
                                 (2,7):1
                      (3,6):2
(3,4):-1
           (3,5):0
                                 (3,7):-2
                                            (3,8):3
                                                       (3,9):2
(4,7):1
           (4,8):2
                      (4,9):2
                                            (5,8):-2
                                                       (5,9):2
                                 (5,7):0
(6,7):1
           (6,8):0
                      (6,9): -1
```

568. Inequality 568 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):0
                      (1,6):1
                                 (1,7):1
                                            (1,8):-1
                                                       (1,9): -2
(2,4):2
           (2,5): -3
                      (2,6): -1
                                 (2,7):3
                                            (2,8):3
                                                       (2,9):2
(3,4):1
           (3,5):3
                      (3,6):0
                                 (3,7): -2
                                            (3,8):3
                                                       (3,9): -3
(4,7):-2
           (4,8): -2
                      (4,9):2
                                 (5,7):3
                                            (5,8):0
                                                       (5,9):3
                      (6,9):2
(6,7):-1
           (6,8):1
```

569. Inequality 569 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):1
                                 (1,7):1
                                           (1,8):0
                                                      (1,9): -2
                      (1,6):1
(2,4):-1
           (2,5): -3
                      (2,6):1
                                 (2,7):2
                                           (2,8):3
                                                      (2,9):2
(3,4):1
                                (3,7):-3
                                                      (3,9):-1
           (3,5):2
                      (3,6):1
                                           (3,8):2
(4,7):2
           (4,8):1
                      (4,9): -2
                                 (5,7):2
                                           (5,8):1
                                                      (5,9):3
(6,7):0
           (6,8):-1
                      (6,9):0
```

570. Inequality 570 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):-1
                      (1,6):1
                                (1,7):0
                                           (1,8):0
                                                      (1,9):1
(2,4):-1
           (2,5):3
                      (2,6):1
                                (2,7):2
                                           (2,8):3
                                                      (2,9): -2
(3,4):1
           (3,5): -2
                      (3,6):1
                                (3,7): -3
                                           (3,8):2
                                                      (3,9):1
(4,7):2
           (4,8):1
                      (4,9):2
                                (5,7): -2
                                           (5,8):-1
                                                      (5,9):3
(6,7):1
          (6,8):-1
                     (6,9):1
```

571. Inequality 571 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                     (1,6): -1
                                 (1,7):0
                                            (1,8):1
                                                      (1,9):-1
(2,4):-2
           (2,5):0
                                (2,7):2
                                            (2,8):3
                                                       (2,9):2
                     (2,6): -1
(3,4):1
           (3,5):1
                     (3,6):2
                                (3,7): -3
                                            (3,8):3
                                                      (3,9): -2
(4,7):2
           (4,8):1
                     (4,9):1
                                (5,7): -2
                                           (5,8): -2
                                                       (5,9):3
(6,7):1
           (6,8):0
                     (6,9):1
```

572. Inequality 572 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):0
                      (1,6):2
                                 (1,7):3
                                            (1,8):2
                                                       (1,9):2
                                 (2,7):2
                                                       (2,9):-1
(2,4):-1
           (2,5):2
                      (2,6): -1
                                            (2,8):1
(3,4):-1
           (3,5):1
                      (3,6):1
                                 (3,7): -3
                                            (3,8):3
                                                       (3,9):1
(4,7):1
           (4,8):1
                      (4,9):1
                                 (5,7):-1
                                            (5,8):-2
                                                       (5,9):2
(6,7):0
           (6,8):-1
                      (6,9): -1
```

573. Inequality 573 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
          (1,5):1
                     (1,6):1
                                (1,7):1
                                           (1,8):0
                                                     (1,9):0
(2,4):-2
          (2,5):0
                    (2,6): -1
                                (2,7):2
                                          (2,8):2
                                                     (2,9):1
(3,4):-1
          (3,5):0
                     (3,6):0
                               (3,7):-3
                                          (3,8):3
                                                     (3,9):1
          (4,8):2
(4,7):2
                     (4,9):2
                               (5,7):-1
                                          (5,8):-1
                                                     (5,9):1
          (6,8):2
(6,7):1
                    (6,9):-1
```

574. Inequality 574 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5): -2
                     (1,6):1
                                (1,7): -3
                                           (1,8):2
                                                      (1,9):1
                                                     (2,9):-2
(2,4):-3
                                (2,7):3
           (2,5):5
                     (2,6):2
                                           (2,8):5
(3,4):-1
           (3,5):-1
                                (3,7):-1
                                                      (3,9):1
                     (3,6):1
                                           (3,8):1
                                          (5,8):-2
                                (5,7):-5
(4,7):4
           (4,8):3
                     (4,9):4
                                                      (5,9):5
(6,7):2
           (6,8): -3
                     (6,9):1
```

575. Inequality 575 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):-1
                      (1,6):1
                                (1,7):-2
                                                      (1,9):0
(1,4):1
                                           (1,8):1
(2,4):-2
           (2,5):4
                      (2,6):2
                                (2,7):2
                                           (2,8):4
                                                      (2,9): -2
(3,4):-2
                                (3,7):-1
                                           (3,8):2
                                                      (3,9):2
           (3,5): -2
                     (3,6):1
(4,7):3
           (4,8):3
                     (4,9):3
                                (5,7): -4
                                           (5,8):-1
                                                      (5,9):4
(6,7):2
           (6,8): -3
                      (6,9):1
```

576. Inequality 576 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6): -2
                                                      (1,9):2
(1,4):1
           (1,5):-1
                                 (1,7):1
                                           (1,8):-1
(2,4):-5
                                 (2,7):5
                                                      (2,9):3
           (2,5):3
                      (2,6): -2
                                            (2,8):4
                      (3,6):0
(3,4):-3
           (3,5):0
                                (3,7): -3
                                            (3,8):3
                                                      (3,9):3
           (4,8):4
                      (4,9):4
                                           (5,8):-3
                                                      (5,9):3
(4,7):1
                                (5,7):-2
(6,7):2
                      (6,9):3
           (6,8):-1
```

577. Inequality 577 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):1
                      (1,6):1
                                 (1,7):1
                                            (1,8):1
                                                      (1,9):-1
(2,4):-3
           (2,5):1
                     (2,6): -1
                                 (2,7):3
                                            (2,8):2
                                                       (2,9):2
(3,4):-3
           (3,5):0
                      (3,6):1
                                (3,7):-3
                                            (3,8):3
                                                       (3,9):2
                                (5,7):-2
(4,7):1
           (4,8):3
                      (4,9):3
                                           (5,8):-2
                                                       (5,9):2
                      (6,9):2
(6,7):2
           (6,8): -1
```

578. Inequality 578 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):0
                                 (1,7):3
                                                      (1,9): -2
                      (1,6):2
                                           (1,8):2
                                           (2,8):2
(2,4):-1
           (2,5): -2
                      (2,6): -1
                                 (2,7):2
                                                      (2,9):2
(3,4):0
                                (3,7):-4
                                                      (3,9):-1
           (3,5):0
                      (3,6):1
                                           (3,8):4
                                                      (5,9):2
(4,7):2
           (4,8):1
                      (4,9):-1
                                 (5,7):2
                                           (5,8):2
(6,7):-1
           (6,8):-1
                      (6,9):2
```

579. Inequality 579 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):1
                      (1,6):1
                                 (1,7):-1
                                            (1,8):2
                                                       (1,9): -2
(2,4):-5
           (2,5):4
                      (2,6): -2
                                 (2,7):5
                                            (2,8):3
                                                       (2,9):1
(3,4): -2
           (3,5):0
                      (3,6):2
                                 (3,7): -2
                                            (3,8):4
                                                       (3,9):2
(4,7):3
           (4,8):4
                      (4,9):5
                                 (5,7):-3
                                            (5,8):-4
                                                       (5,9):4
(6,7):2
           (6,8): -3
                      (6,9):0
```

580. Inequality 580 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):1
(1,4):-1
           (1,5):2
                                 (1,7):0
                                           (1,8):1
                                                     (1,9):-1
(2,4):-2
           (2,5): -2
                                 (2,7):2
                                           (2,8):2
                                                     (2,9):-1
                      (2,6):1
(3,4):1
           (3,5):1
                     (3,6):-1
                                (3,7):-2
                                           (3,8):2
                                                      (3,9):1
(4,7):2
           (4,8):1
                     (4,9):-1
                                 (5,7):2
                                           (5,8):0
                                                      (5,9):1
(6,7):0
           (6,8):0
                      (6,9):1
```

581. Inequality 581 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):0
           (1,5):0
                     (1,6):2
                                (1,7):2
                                           (1,8): -2
                                                      (1,9):2
                                (2,7):2
                                           (2,8):2
                                                      (2,9):1
(2,4):-3
          (2,5):1
                     (2,6): -1
(3,4):-1
          (3,5):0
                     (3,6):1
                                (3,7):0
                                           (3,8):1
                                                      (3,9):1
(4,7):2
           (4,8):3
                     (4,9):3
                                (5,7): -3
                                           (5,8):-1
                                                      (5,9):3
(6,7):-1
           (6,8):1
                     (6,9): -2
```

582. Inequality 582 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):-1
                      (1,6):1
                                 (1,7):-1
                                                       (1,9):0
                                            (1,8):-1
(2,4):0
           (2,5):2
                      (2,6):1
                                 (2,7):1
                                            (2,8):1
                                                      (2,9):-1
(3,4):-1
           (3,5):0
                      (3,6):3
                                 (3,7):-2
                                            (3,8):3
                                                       (3,9):3
(4,7):3
           (4,8):2
                      (4,9):4
                                (5,7):-2
                                           (5,8): -3
                                                       (5,9):4
(6,7):1
           (6,8): -2
                     (6,9): -2
```

583. Inequality 583 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
          (1,5):0
                     (1,6): -2
                                (1,7):1
                                           (1,8):1
                                                     (1,9):1
          (2,5):2
                                (2,7):2
                                           (2,8):2
                                                     (2,9):1
(2,4):-3
                     (2,6):2
          (3,5):1
                               (3,7):-1
                                                     (3,9):0
(3,4):-1
                     (3,6): -1
                                           (3,8):2
          (4,8):2
                                          (5,8):-2
                                                     (5,9):2
(4,7):1
                     (4,9):2
                               (5,7):-1
          (6,8):1
                     (6,9):0
(6,7):0
```

584. Inequality 584 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
          (1,5):-1
                     (1,6): -1
                                (1,7):1
                                                      (1,9): -2
                                           (1,8):2
(2,4):4
          (2,5):3
                     (2,6):1
                                (2,7):-4
                                           (2,8):3
                                                      (2,9):-1
(3,4):0
                                (3,7):2
                                           (3,8):2
                                                      (3,9):2
          (3,5):0
                     (3,6): -2
(4,7):3
          (4,8): -4
                     (4,9):4
                                (5,7):5
                                           (5,8): -2
                                                      (5,9): -5
(6,7):3
          (6,8):3
                     (6,9):2
```

585. Inequality 585 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):1
                                                      (1,9): -2
(1,4):0
          (1,5):1
                                (1,7):1
                                           (1,8): -1
(2,4):2
          (2,5):-1
                                (2,7):-2
                                                      (2,9):-1
                     (2,6):1
                                            (2,8):1
(3,4):0
          (3,5):2
                     (3,6): -1
                                (3,7):2
                                            (3,8):2
                                                      (3,9):-1
(4,7):2
          (4,8): -2
                     (4,9):2
                                                       (5,9):2
                                (5,7): -2
                                           (5,8):0
                      (6,9):2
(6,7):1
          (6,8):2
```

586. Inequality 586 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5): -1
                      (1,6):1
                                 (1,7):-2
                                            (1,8):-1
                                                       (1,9):2
(2,4):-3
           (2,5):2
                      (2,6):1
                                 (2,7):2
                                            (2,8):3
                                                       (2,9):1
(3,4):0
           (3,5):3
                      (3,6):1
                                 (3,7): -3
                                            (3,8):3
                                                       (3,9): -2
(4,7):3
                      (4,9):2
           (4,8):3
                                 (5,7):0
                                            (5,8):-3
                                                       (5,9):3
                      (6,9): -2
(6,7):2
           (6,8): -1
```

587. Inequality 587 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):2
                                 (1,7):2
(1,4):-1
                      (1,6):2
                                            (1,8): -2
                                                       (1,9): -3
                                            (2,8):2
(2,4):3
           (2,5): -2
                      (2,6):1
                                 (2,7): -3
                                                       (2,9):-1
(3,4):0
           (3,5):4
                      (3,6): -2
                                 (3,7):4
                                            (3,8):4
                                                       (3,9): -2
(4,7):4
           (4,8): -3
                      (4,9):3
                                 (5,7):-4
                                            (5,8):0
                                                       (5,9):4
(6,7):1
           (6,8):3
                      (6,9):3
```

588. Inequality 588 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):2
                      (1,6):1
                                 (1,7):2
                                            (1,8): -2
                                                       (1,9): -2
           (2,5): -1
                      (2,6):1
(2,4):2
                                 (2,7):-2
                                                       (2,9):-1
                                            (2,8):1
(3,4):0
           (3,5):3
                      (3,6): -1
                                 (3,7):3
                                            (3,8):3
                                                       (3,9): -2
(4,7):3
           (4,8): -2
                      (4,9):2
                                 (5,7): -3
                                            (5,8):0
                                                       (5,9):3
                      (6,9):2
(6,7):1
           (6,8):2
```

589. Inequality 589 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):1
(1,4):-2
           (1,5): -2
                                 (1,7):1
                                            (1,8): -2
                                                       (1,9):4
(2,4):-4
           (2,5):5
                                 (2,7):4
                                            (2,8):4
                                                       (2,9):0
                      (2,6):1
(3,4):0
           (3,5): -3
                      (3,6):0
                                 (3,7):-3
                                            (3,8):3
                                                       (3,9):3
                                            (5,8): -2
(4,7):4
           (4,8):2
                      (4,9):4
                                 (5,7): -3
                                                       (5,9):5
           (6,8):1
                      (6,9): -2
(6,7):1
```

590. Inequality 590 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):0
           (1,5): -2
                      (1,6):2
                                 (1,7):-2
                                            (1,8):-1
                                                       (1,9):3
                                 (2,7):3
(2,4):-3
           (2,5):3
                      (2,6):1
                                            (2,8):3
                                                       (2,9):1
(3,4):0
           (3,5):4
                      (3,6):2
                                 (3,7):-4
                                            (3,8):4
                                                      (3,9): -2
(4,7):3
           (4,8):3
                      (4,9):3
                                 (5,7):-1
                                            (5,8):-4
                                                       (5,9):4
(6,7):3
           (6,8): -1
                      (6,9): -3
```

591. Inequality 591 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                      (1,6): -1
                                 (1,7):1
                                            (1,8):0
                                                       (1,9):-1
(2,4):-3
           (2,5):2
                      (2,6):1
                                 (2,7):3
                                            (2,8):2
                                                       (2,9):1
(3,4):2
           (3,5):1
                      (3,6):3
                                 (3,7):-4
                                            (3,8):3
                                                       (3,9): -3
(4,7):3
           (4,8):2
                      (4,9):3
                                 (5,7):-4
                                           (5,8): -2
                                                       (5,9):3
(6,7):1
           (6,8): -1
                      (6,9):1
```

592. Inequality 592 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):-1
                     (1,6): -2
                                 (1,7):1
                                           (1,8):1
                                                      (1,9):2
(2,4):-3
                      (2,6):2
                                 (2,7):2
           (2,5):3
                                           (2,8):3
                                                     (2,9):-1
(3,4):0
                                (3,7):-2
          (3,5): -2
                      (3,6):2
                                           (3,8):2
                                                     (3,9):0
                      (4,9):2
                                                      (5,9):3
(4,7):2
           (4,8):2
                                (5,7):-3
                                           (5,8):0
(6,7):2
           (6,8): -2
                      (6,9):2
```

593. Inequality 593 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):2
                     (1,6):3
                                (1,7):2
                                           (1,8): -2
                                                      (1,9): -1
(1,4):2
(2,4):-3
          (2,5):4
                     (2,6): -1
                                (2,7):3
                                           (2,8):4
                                                      (2,9):-1
           (3,5):0
                                (3,7):0
                                           (3,8):2
                                                      (3,9):2
(3,4):-2
                     (3,6):2
(4,7):1
           (4,8):4
                     (4,9):2
                                (5,7): -3
                                           (5,8): -2
                                                      (5,9):3
           (6,8):2
(6,7):-3
                     (6,9): -3
```

594. Inequality 594 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
\overline{(1,6)}: -2
(1,4):-2
            (1,5):0
                                   (1,7):4
                                              (1,8): -2
                                                         (1,9):2
(2,4):-4
                                   (2,7):3
                                                         (2,9):0
            (2,5):4
                       (2,6):1
                                              (2,8):4
(3,4):-2
           (3,5): -2
                       (3,6):1
                                  (3,7):-1
                                              (3,8):2
                                                         (3,9):2
            (4,8):4
                       (4,9):4
                                             (5,8):-2
(4,7):4
                                  (5,7):-5
                                                         (5,9):5
(6,7):3
           (6,8): -2
                       (6,9):1
```

595. Inequality 595 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):0
          (1,5): -2
                     (1,6): -1
                                (1,7):2
                                           (1,8):2
                                                      (1,9):-1
(2,4):1
          (2,5):1
                     (2,6): -1
                                (2,7):-1
                                           (2,8):0
                                                      (2,9):0
(3,4):0
                     (3,6):0
          (3,5):0
                                (3,7):3
                                           (3,8): -3
                                                      (3,9):0
          (4,8):1
(4,7):2
                                                      (5,9): -2
                     (4,9):2
                                (5,7):3
                                           (5,8):2
          (6,8):2
(6,7):1
                     (6,9):1
```

596. Inequality 596 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):0
                                 (1,7):2
(1,4):0
                      (1,6):2
                                            (1,8): -2
                                                       (1,9):2
(2,4):-1
                                            (2,8):2
                                                       (2,9):-1
           (2,5):3
                      (2,6):1
                                 (2,7):2
(3,4):0
           (3,5):-1
                                 (3,7):-1
                                                       (3,9):0
                      (3,6):1
                                            (3,8):1
(4,7):1
           (4,8):3
                      (4,9):3
                                 (5,7): -3
                                            (5,8): -2
                                                       (5,9):3
(6,7):-1
           (6,8):0
                      (6,9): -1
```

597. Inequality 597 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5): -1
                      (1,6): -1
                                 (1,7):0
                                            (1,8):1
                                                       (1,9):0
                                 (2,7):3
(2,4):-2
           (2,5):3
                      (2,6): -1
                                            (2,8):2
                                                       (2,9):-1
(3,4):0
           (3,5):2
                      (3,6):1
                                 (3,7):-2
                                            (3,8):2
                                                       (3,9):-1
(4,7):2
           (4,8):1
                      (4,9):2
                                 (5,7):-1
                                            (5,8):-2
                                                       (5,9):3
                      (6,9): -1
(6,7):2
           (6,8):0
```

598. Inequality 598 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):0
           (1,5):-1
                     (1,6):1
                                (1,7): -2
                                           (1,8):1
                                                      (1,9):1
(2,4):-3
           (2,5):2
                     (2,6):1
                                (2,7):2
                                           (2,8):2
                                                      (2,9):0
(3,4):1
           (3,5):0
                     (3,6):2
                                (3,7): -2
                                           (3,8):1
                                                      (3,9): -2
(4,7):3
           (4,8):2
                     (4,9):3
                                (5,7): -3
                                           (5,8):-1
                                                      (5,9):3
(6,7):2
           (6,8):-1
                     (6,9):1
```

599. Inequality 599 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):3
                     (1,6):2
                                (1,7):2
                                          (1,8): -2
                                                     (1,9):-3
(1,4):2
(2,4):-2
          (2,5):5
                                (2,7):4
                                           (2,8):4
                                                     (2,9):-2
                     (2,6):-1
(3,4):-2
          (3,5):3
                     (3,6):2
                                (3,7):-4
                                           (3,8):4
                                                     (3,9):-3
(4,7):0
          (4,8):4
                     (4,9):2
                                (5,7): -3
                                          (5,8):-3
                                                      (5,9):5
(6,7):1
           (6,8):1
                     (6,9):1
```

600. Inequality 600 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-2
           (1,5):-1
                      (1,6):1
                                (1,7):0
                                           (1,8):1
                                                      (1,9):1
(2,4):-1
           (2,5):2
                      (2,6):1
                                (2,7):1
                                           (2,8):2
                                                      (2,9): -1
(3,4):1
           (3,5):0
                      (3,6):1
                                (3,7): -2
                                           (3,8):1
                                                      (3,9):-1
(4,7):2
                                                      (5,9):2
           (4,8):2
                      (4,9):2
                                (5,7): -2
                                           (5,8):-1
(6,7):1
           (6,8):-1
                     (6,9):1
```

601. Inequality 601 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5): -1
                      (1,6):1
                                (1,7):-1
                                           (1,8):1
                                                      (1,9):1
                                                      (2,9):-1
(2,4):-1
           (2,5):2
                     (2,6):1
                                (2,7):3
                                           (2,8):2
(3,4):-1
           (3,5):1
                                (3,7):-2
                                           (3,8):2
                                                      (3,9):-1
                     (3,6):1
                                           (5,8):-1
                                                      (5,9):2
(4,7):1
                                (5,7):-1
           (4,8):1
                      (4,9):1
(6,7):0
           (6,8):-1
                      (6,9):0
```

602. Inequality 602 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-2
           (1,5):-1
                      (1,6):2
                                 (1,7):3
                                            (1,8): -1
                                                       (1,9):1
(2,4):4
           (2,5):3
                      (2,6):1
                                 (2,7): -3
                                            (2,8): -3
                                                       (2,9):0
                      (3,6):1
                                                       (3,9):-1
(3,4):2
           (3,5):0
                                 (3,7):2
                                            (3,8):-2
                                            (5,8):2
(4,7):3
           (4,8):3
                      (4,9):4
                                 (5,7):3
                                                       (5,9): -3
(6,7): -2
           (6,8):1
                      (6,9):-1
```

603. Inequality 603 with incidence 33 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,9): -2
(1,4):1
           (1,5):0
                      (1,6):1
                                 (1,7):1
                                           (1,8):1
(2,4):2
           (2,5):-2
                                 (2,7):2
                                                      (2,9):0
                      (2,6): -2
                                           (2,8):0
(3,4):1
                      (3,6):1
           (3,5):0
                                 (3,7):-1
                                           (3,8):2
                                                      (3,9):-1
(4,7):-1
           (4,8):-2
                      (4,9):3
                                                      (5,9):4
                                 (5,7):2
                                           (5,8):4
                      (6,9):2
(6,7):1
           (6,8): -3
```

604. Inequality 604 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):1
                      (1,6):2
                                 (1,7):-2
                                            (1,8):2
                                                       (1,9): -2
(2,4):-4
           (2,5):4
                      (2,6): -1
                                 (2,7):4
                                            (2,8):3
                                                       (2,9):0
(3,4): -2
           (3,5):0
                      (3,6):2
                                 (3,7):-2
                                            (3,8):4
                                                       (3,9):2
(4,7):3
                                 (5,7):-3
           (4,8):4
                      (4,9):4
                                            (5,8):-4
                                                       (5,9):4
(6,7):2
           (6,8): -3
                      (6,9):0
```

605. Inequality 605 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):0
           (1,5):0
                                 (1,7):1
                      (1,6):-1
                                           (1,8):-1
                                                       (1,9):1
(2,4):-3
           (2,5):2
                      (2,6): -1
                                 (2,7):3
                                            (2,8):2
                                                       (2,9):1
(3,4):-1
           (3,5):0
                                 (3,7):-1
                                            (3,8):2
                                                       (3,9):1
                      (3,6):1
(4,7):2
           (4,8):3
                      (4,9):3
                                 (5,7): -3
                                           (5,8):-2
                                                       (5,9):3
(6,7):2
           (6,8): -2
                      (6,9):1
```

606. Inequality 606 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):3
                      (1,6):2
                                 (1,7): -3
                                            (1,8):2
                                                       (1,9):-1
                      (2,6): -1
(2,4):-3
           (2,5):3
                                 (2,7):3
                                            (2,8):2
                                                       (2,9):0
(3,4):-1
           (3,5):-1
                      (3,6):1
                                 (3,7):-1
                                            (3,8):1
                                                       (3,9):1
(4,7):3
           (4,8):3
                      (4,9):3
                                 (5,7):-1
                                            (5,8):-4
                                                       (5,9):4
                      (6,9): -1
(6,7):3
           (6,8): -2
```

607. Inequality 607 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-2
           (1,5): -2
                      (1,6):0
                                 (1,7):2
                                            (1,8): -2
                                                       (1,9):4
(2,4): -6
           (2,5):4
                      (2,6): -1
                                 (2,7):5
                                            (2,8):5
                                                       (2,9):1
(3,4):-3
           (3,5):0
                      (3,6):2
                                 (3,7):-3
                                            (3,8):4
                                                       (3,9):4
(4,7):3
           (4,8):4
                      (4,9):6
                                 (5,7): -2
                                            (5,8):-4
                                                       (5,9):4
           (6,8):-1
                      (6,9):-1
(6,7):1
```

608. Inequality 608 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):1
                      (1,6):1
                                 (1,7):-2
                                             (1,8):2
                                                       (1,9): -2
(1,4):2
(2,4):-4
           (2,5):3
                                 (2,7):3
                                                        (2,9):0
                      (2,6): -1
                                            (2,8):3
(3,4): -2
           (3,5):0
                      (3,6):2
                                 (3,7):-1
                                            (3,8):3
                                                        (3,9):2
(4,7):3
           (4,8):3
                      (4,9):4
                                 (5,7): -2
                                            (5,8):-3
                                                        (5,9):3
(6,7):1
           (6,8): -2
                      (6,9): -1
```

609. Inequality 609 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):0
           (1,5):2
                      (1,6):2
                                 (1,7):0
                                            (1,8): -2
                                                       (1,9): -2
(2,4):2
           (2,5):0
                      (2,6): -1
                                 (2,7):1
                                            (2,8):1
                                                       (2,9):-1
(3,4):1
           (3,5):0
                      (3,6):1
                                 (3,7):-1
                                            (3,8):2
                                                       (3,9):-1
                                            (5,8):2
(4,7):-1
           (4,8): -2
                      (4,9):2
                                 (5,7):2
                                                       (5,9):2
                      (6,9):2
(6,7):-1
           (6,8):1
```

610. Inequality 610 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):1
                     (1,6):1
                                (1,7):0
                                           (1,8):0
                                                      (1,9):-1
                                (2,7):6
(2,4): -6
           (2,5):4
                     (2,6):2
                                                      (2,9):2
                                           (2,8):4
(3,4):-3
           (3,5):1
                                (3,7):-3
                                                      (3,9):2
                     (3,6): -1
                                           (3,8):4
(4,7):3
           (4,8):5
                     (4,9):6
                                (5,7): -3
                                           (5,8):-5
                                                      (5,9):4
(6,7): -3
           (6,8):2
                     (6,9): -1
```

611. Inequality 611 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5): -2
                      (1,6): -1
                                 (1,7):2
                                                       (1,9):3
                                            (1,8):-1
(2,4):-3
           (2,5):4
                      (2,6): -1
                                 (2,7):4
                                            (2,8):4
                                                       (2,9):0
                                 (3,7):-3
                                                      (3,9):3
(3,4):-3
           (3,5):-1
                      (3,6):1
                                            (3.8):3
(4,7):1
           (4,8):3
                      (4,9):3
                                 (5,7): -2
                                            (5,8): -3
                                                      (5,9):4
(6,7):2
           (6,8):0
                      (6,9):1
```

612. Inequality 612 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):0
                                                     (1,9):0
(1,4):1
          (1,5): -1
                     (1,6):1
                                           (1,8): -1
(2,4):-2
                                                     (2,9):0
           (2,5):2
                     (2,6):1
                                (2,7):2
                                           (2,8):3
                     (3,6):1
(3,4): -2
                                (3,7): -2
                                           (3,8):2
                                                     (3,9):1
           (3,5):0
(4,7):0
           (4,8):3
                     (4,9):2
                               (5,7):-1
                                          (5,8):-2
                                                     (5,9):2
          (6,8):-1
                     (6,9):1
(6,7):1
```

613. Inequality 613 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
          (1,5):-1
                     (1,6): -1
                                (1,7):1
                                            (1,8):2
                                                      (1,9): -2
                                                      (2,9):-1
(2,4):3
          (2,5):3
                     (2,6):1
                                (2,7): -3
                                           (2,8):3
(3,4):0
          (3,5):0
                     (3,6): -2
                                (3,7):2
                                           (3,8):2
                                                      (3,9):2
          (4,8): -3
                     (4,9):3
(4,7):2
                                (5,7):4
                                           (5,8): -2
                                                      (5,9):-4
(6,7):2
          (6,8):2
                      (6,9):2
```

614. Inequality 614 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):2
                                (1,7):2
                                           (1,8):-1
                                                      (1,9): -2
(1,4):2
                     (1,6):1
                     (2,6):0
                                                      (2,9):1
(2,4):-3
          (2,5):2
                                (2,7):3
                                           (2,8):3
(3,4):0
          (3,5):1
                                (3,7):-2
                                           (3,8):3
                                                      (3,9):-1
                     (3,6): -1
                                           (5,8): -2
(4,7):1
          (4,8):3
                     (4,9):3
                                (5,7): -3
                                                      (5,9):2
(6,7):-1
           (6,8):2
                     (6,9):-1
```

615. Inequality 615 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):0
           (1,5):0
                      (1,6): -2
                                  (1,7):2
                                            (1,8): -2
                                                        (1,9):2
(2,4):-3
           (2,5):5
                      (2,6):2
                                 (2,7):3
                                                       (2,9): -2
                                            (2,8):5
(3,4):-3
           (3,5): -4
                      (3,6):2
                                 (3,7): -3
                                            (3,8):4
                                                       (3,9):4
(4,7):3
           (4,8):6
                      (4,9):3
                                 (5,7):-5
                                            (5,8):-1
                                                        (5,9):5
(6,7):4
                      (6,9):2
           (6,8): -4
```

616. Inequality 616 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):3
                      (1,6):1
                                 (1,7): -3
                                            (1,8):1
                                                       (1,9): -2
(2,4):-2
           (2,5):4
                      (2,6):1
                                 (2,7):3
                                            (2,8):3
                                                       (2,9):-1
(3,4):0
           (3,5): -2
                      (3,6):2
                                 (3,7):-4
                                            (3,8):2
                                                       (3,9):2
(4,7):4
           (4,8):2
                      (4,9):2
                                 (5,7): -2
                                            (5,8): -3
                                                       (5,9):4
           (6,8):-1
                      (6,9):-1
(6,7):2
```

617. Inequality 617 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):1
                     (1,6):3
                                (1,7):2
                                           (1,8):-1
                                                      (1,9): -2
(1,4):-1
(2,4):-4
           (2,5):4
                                (2,7):3
                                                      (2,9):0
                     (2,6):-1
                                           (2,8):4
(3,4):0
           (3,5):2
                     (3,6):0
                                (3,7):-2
                                           (3,8):2
                                                      (3,9): -2
(4,7):3
           (4,8):3
                     (4,9):3
                                (5,7): -2
                                           (5,8):-4
                                                      (5,9):5
(6,7): -2
           (6,8):2
                     (6,9):2
```

618. Inequality 618 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):1
                                (1,7):2
                                           (1,8):-1
                                                      (1,9):-1
                     (1,6):2
(2,4):-3
           (2,5):3
                     (2,6): -1
                                (2,7):2
                                           (2,8):3
                                                      (2,9):0
(3,4):0
           (3,5):1
                     (3,6):0
                                (3,7):-1
                                           (3,8):1
                                                      (3,9):-1
(4,7):3
                                                      (5,9):4
           (4,8):2
                     (4,9):3
                                (5,7): -2
                                           (5,8): -3
(6,7): -2
           (6,8):2
                     (6,9):1
```

619. Inequality 619 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-2
           (1,5): -1
                      (1,6): -4
                                 (1,7):2
                                            (1,8):2
                                                       (1,9):3
(2,4):-4
           (2,5):4
                                                      (2,9):-1
                      (2,6):1
                                 (2,7):4
                                            (2,8):4
(3,4):-2
           (3,5):0
                                 (3,7):-4
                                                       (3,9):0
                      (3,6):2
                                            (3,8):4
(4,7):2
           (4,8):4
                      (4,9):2
                                 (5,7): -3
                                           (5,8):-3
                                                       (5,9):3
(6,7):3
           (6,8):1
                      (6,9):3
```

620. Inequality 620 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):1
           (1,5):2
                                (1,7):1
                                           (1,8):-1
                                                      (1,9): -2
(1,4):1
(2,4):-3
           (2,5):3
                      (2,6):0
                                (2,7):3
                                           (2,8):3
                                                      (2,9):0
                                (3,7):-3
(3,4):-2
           (3,5): -1
                      (3,6):3
                                           (3,8):3
                                                      (3,9):0
(4,7):1
           (4,8):4
                     (4,9):3
                                (5,7): -4
                                          (5,8):-1
                                                      (5,9):3
(6,7):2
           (6,8): -2
                      (6,9):2
```

621. Inequality 621 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6): -1
(1,4):0
           (1,5):-1
                                 (1,7):1
                                           (1,8):-1
                                                      (1,9):2
(2,4):-3
                                 (2,7):3
                                                      (2,9):1
           (2,5):3
                     (2,6):-1
                                            (2,8):3
                      (3,6):0
(3,4):-2
           (3,5):-1
                                (3,7):-2
                                           (3,8):2
                                                      (3,9):3
                      (4,9):3
(4,7):1
           (4,8):3
                                (5,7):-2
                                           (5,8):-2
                                                      (5,9):3
                      (6,9):2
(6,7):1
           (6,8):-1
```

622. Inequality 622 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                      (1,6):1
                                (1,7):1
                                           (1,8):-1
                                                      (1,9): -2
                                                      (2,9):0
(2,4):-3
           (2,5):3
                      (2,6):0
                                (2,7):3
                                           (2,8):3
(3,4):-1
           (3,5):-1
                     (3,6):3
                                (3,7): -3
                                           (3,8):3
                                                      (3,9):-1
(4,7):2
           (4,8):4
                      (4,9):3
                                (5,7):-5
                                           (5,8):-1
                                                      (5,9):4
(6,7):2
                     (6,9):2
           (6,8): -2
```

623. Inequality 623 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):2
                                (1,7):2
                                                      (1,9):-1
(1,4):1
                     (1,6):2
                                           (1,8): -2
                     (2,6): -1
(2,4):-2
           (2,5):3
                                (2,7):2
                                           (2,8):3
                                                      (2,9):-1
(3,4):-1
           (3,5):0
                                (3,7):0
                     (3,6):1
                                           (3,8):1
                                                      (3,9):1
                                                      (5,9):3
(4,7):1
           (4,8):3
                     (4,9):2
                                (5,7): -3
                                           (5,8):-1
(6,7): -2
           (6,8):2
                     (6,9): -2
```

624. Inequality 624 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-4
           (1,5): -2
                      (1,6): -1
                                  (1,7):3
                                             (1,8):1
                                                        (1,9):3
                      (2,6):0
(2,4): -2
                                 (2,7):4
                                                       (2,9): -2
           (2,5):4
                                             (2,8):4
(3,4):-1
           (3,5):0
                      (3,6):2
                                 (3,7):-5
                                             (3,8):6
                                                        (3,9):2
(4,7):5
           (4,8):4
                      (4,9):4
                                 (5,7): -2
                                            (5,8):-4
                                                        (5,9):4
(6,7):1
           (6,8): -1
                      (6,9):-1
```

625. Inequality 625 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):-1
                      (1,6):0
                                (1,7):1
                                           (1,8):-1
                                                       (1,9):2
(2,4):-2
           (2,5):3
                                (2,7):2
                                            (2,8):3
                                                      (2,9):-1
                      (2,6):1
(3,4):-1
           (3,5): -2
                      (3,6):1
                                (3,7): -2
                                            (3,8):2
                                                       (3,9):2
                                           (5,8): -1
(4,7):2
           (4,8):2
                      (4,9):2
                                (5,7): -2
                                                       (5,9):3
(6,7):1
           (6,8):-1
                      (6,9):0
```

626. Inequality 626 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):0
           (1,5):2
                      (1,6):2
                                 (1,7):0
                                           (1,8):2
                                                     (1,9): -2
(2,4):-1
          (2,5):-2
                                 (2,7):3
                                           (2,8):2
                                                      (2,9):1
                      (2,6):1
(3,4):0
           (3,5):0
                     (3,6):-1
                                (3,7):-2
                                           (3,8):2
                                                      (3,9):1
(4,7):1
           (4,8):1
                     (4,9):-1
                                 (5,7):2
                                           (5,8):0
                                                      (5,9):2
(6,7): -2
           (6,8):-1
                      (6,9):1
```

627. Inequality 627 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4): -2
           (1,5): -2
                      (1,6): -3
                                  (1,7):1
                                             (1,8):2
                                                        (1,9):4
(2,4):-3
           (2,5):4
                      (2,6):0
                                 (2,7):4
                                            (2,8):4
                                                       (2,9):-1
(3,4): -2
           (3,5):0
                      (3,6):3
                                 (3,7):-4
                                            (3,8):4
                                                       (3,9):-1
(4,7):1
           (4,8):4
                      (4,9):2
                                 (5,7): -3
                                            (5,8): -2
                                                       (5,9):3
(6,7):3
           (6,8):0
                      (6,9):3
```

628. Inequality 628 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):0
           (1,5):2
                      (1,6):4
                                 (1,7): -2
                                            (1,8):4
                                                       (1,9): -4
(2,4):-3
           (2,5):5
                      (2,6): -2
                                 (2,7):5
                                            (2,8):3
                                                       (2,9): -2
                                 (3,7):-1
(3,4):-3
           (3,5):-4
                      (3,6):0
                                            (3,8):4
                                                       (3,9):4
                                 (5,7):-5
                      (4,9):3
(4,7):3
           (4,8):6
                                            (5,8):-1
                                                       (5,9):7
(6,7):4
           (6,8): -4
                      (6,9):2
```

629. Inequality 629 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):-2
           (1,5):-1
                      (1,6):2
                                            (1,8):0
(1,4):1
                                                       (1,9):2
(2,4):-3
           (2,5):3
                      (2,6):1
                                 (2,7):2
                                            (2,8):3
                                                      (2,9):0
                                (3,7):-2
(3,4):0
           (3,5):2
                      (3,6):0
                                            (3,8):2
                                                      (3,9): -2
(4,7):3
           (4,8):3
                      (4,9):2
                                (5,7):-1
                                           (5,8): -3
                                                      (5,9):4
(6,7):2
           (6,8): -1
                      (6,9): -2
```

630. Inequality 630 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):1
                                (1,7):3
                                           (1,8):0
                                                     (1,9):-4
(1,4):4
           (1,5):4
(2,4):-4
                                (2,7):3
                                                     (2,9):1
           (2,5):4
                     (2,6):1
                                           (2,8):5
                     (3,6):2
(3,4):-1
           (3,5):1
                               (3,7): -3
                                           (3,8):4
                                                     (3,9): -3
(4,7):0
                     (4,9):3
                                                     (5,9):1
           (4,8):4
                               (5,7):-4
                                          (5,8):-4
                     (6,9):2
(6,7):1
           (6,8):-1
```

631. Inequality 631 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                     (1,6):2
                                (1,7):0
                                           (1,8):1
                                                     (1,9): -2
                                           (2,8):2
                                                     (2,9):0
(2,4):-3
           (2,5):2
                     (2,6):1
                                (2,7):2
(3,4):-1
           (3,5): -3
                     (3,6):3
                                (3,7): -2
                                           (3,8):3
                                                     (3,9):0
                     (4,9):2
                                (5,7): -3
(4,7):2
           (4,8):3
                                           (5,8):0
                                                     (5,9):2
(6,7):1
           (6,8): -3
                     (6,9):2
```

632. Inequality 632 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):3
(1,4):2
           (1,5):1
                     (1,6):4
                                          (1,8): -2
                                                     (1,9):-4
           (2,5):-4
(2,4):-2
                     (2,6):3
                                (2,7):5
                                           (2,8):3
                                                      (2,9):1
(3,4):-2
                                (3,7):-2
                                                     (3,9):-4
           (3,5):3
                     (3,6):2
                                           (3,8):3
(4,7):0
           (4,8):2
                     (4,9):0
                                (5,7):3
                                           (5,8):1
                                                      (5,9):4
(6,7): -3
           (6,8):-1
                     (6,9):3
```

633. Inequality 633 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):3
           (1,5):3
                      (1,6):0
                                 (1,7):-1
                                            (1,8):2
                                                       (1,9):-3
(2,4):-4
                      (2,6): -3
                                 (2,7):3
           (2,5):3
                                            (2,8):3
                                                       (2,9): -2
(3,4): -2
           (3,5):3
                      (3,6):5
                                 (3,7): -3
                                            (3,8):5
                                                       (3,9):2
(4,7):4
           (4,8):3
                      (4,9):4
                                 (5,7):1
                                            (5,8):-5
                                                       (5,9):3
           (6,8): -2
(6,7):4
                      (6,9):-4
```

634. Inequality 634 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):3
                      (1,6):2
                                 (1,7):-1
                                            (1,8): -2
                                                       (1,9): -4
(2,4):3
           (2,5): -2
                                 (2,7):3
                                             (2,8):3
                                                       (2,9): -2
                      (2,6):1
(3,4):1
           (3,5):2
                      (3,6): -2
                                 (3,7): -3
                                             (3,8):3
                                                       (3,9):-1
(4,7): -2
           (4,8): -1
                      (4,9):3
                                 (5,7):3
                                             (5,8):2
                                                        (5,9):2
           (6,8):1
                      (6,9):2
(6,7):0
```

635. Inequality 635 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
          (1,5): -2
                     (1,6):1
                                (1,7):0
                                           (1,8):1
                                                      (1,9): -2
(2,4):2
                     (2,6):1
                                (2,7):-2
                                                      (2,9):-1
          (2,5):2
                                           (2,8):-2
                     (3,6): -1
(3,4):1
          (3,5):0
                                (3,7):2
                                           (3,8): -2
                                                      (3,9):0
(4,7):2
          (4,8):1
                     (4,9):2
                                (5,7):2
                                           (5,8):3
                                                      (5,9):-1
(6,7):0
          (6,8):1
                     (6,9):2
```

636. Inequality 636 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):2
                      (1,6):1
                                 (1,7):1
                                            (1,8):0
                                                       (1,9): -2
(2,4): -2
           (2,5):2
                      (2,6): -1
                                 (2,7):2
                                            (2,8):2
                                                        (2,9):1
(3,4):-1
           (3,5):0
                      (3,6):1
                                 (3,7):-2
                                            (3,8):2
                                                        (3,9):0
(4,7):0
           (4,8):3
                      (4,9):2
                                 (5,7): -3
                                            (5,8): -2
                                                        (5,9):1
                      (6,9):2
(6,7):2
           (6,8): -1
```

637. Inequality 637 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):4
           (1,5):4
                      (1,6):0
                                 (1,7):4
                                            (1,8):0
                                                       (1,9): -4
(2,4):-4
           (2,5):4
                      (2,6): -1
                                 (2,7):4
                                            (2,8):5
                                                       (2,9):2
(3,4):-1
           (3,5):1
                                 (3,7):-3
                      (3,6):2
                                            (3,8):3
                                                       (3,9): -2
                                 (5,7):-5
(4,7):-1
           (4,8):4
                      (4,9):4
                                            (5,8):-4
                                                       (5,9):2
(6,7):3
           (6,8): -2
                      (6,9):2
```

638. Inequality 638 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5): -3
                      (1,6):0
                                 (1,7):3
                                                       (1,9):-3
(1,4):3
                                            (1,8):0
(2,4):2
           (2,5):1
                      (2,6):1
                                 (2,7):-1
                                            (2,8): -2
                                                       (2,9):-1
                                                       (3,9):3
(3,4):0
           (3,5): -3
                      (3,6):3
                                 (3,7):3
                                            (3,8):0
(4,7):-1
           (4,8):3
                      (4,9):3
                                 (5,7):4
                                            (5,8):3
                                                       (5,9):0
                      (6,9): -2
(6,7): -2
           (6,8):2
```

639. Inequality 639 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):1
                                 (1,7):4
                                                       (1,9):-5
(1,4):5
           (1,5): -5
                                            (1,8):0
(2,4):5
                                 (2,7):-2
                                                       (2,9):-2
           (2,5):5
                      (2,6): -1
                                            (2,8): -5
                      (3,6): -4
(3,4):0
           (3,5): -2
                                 (3,7):4
                                            (3,8): -2
                                                       (3,9):4
(4,7):-2
           (4,8):5
                      (4,9):7
                                                       (5,9):-1
                                 (5,7):8
                                            (5,8):5
                      (6,9):5
(6,7):4
           (6,8): -3
```

640. Inequality 640 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4): -2
           (1,5):4
                      (1,6): -2
                                  (1,7):2
                                             (1,8):2
                                                        (1,9):0
(2,4):2
           (2,5):6
                      (2,6):3
                                 (2,7):1
                                             (2,8):3
                                                       (2,9): -3
(3,4): -4
           (3,5): -1
                      (3,6):4
                                 (3,7):-2
                                             (3,8):5
                                                        (3,9):4
                                 (5,7):-4
(4,7):2
           (4,8):2
                      (4,9):4
                                            (5,8):-5
                                                        (5,9):4
(6,7):1
           (6,8): -3
                      (6,9): -1
```

641. Inequality 641 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):1
(1,4):1
           (1,5):1
                      (1,6):1
                                            (1,8):0
                                                       (1,9): -2
(2,4):-5
           (2,5):3
                      (2,6): -2
                                 (2,7):5
                                            (2,8):3
                                                       (2,9):2
(3,4):-3
                                 (3,7):-3
           (3,5): -1
                      (3,6):3
                                            (3,8):3
                                                       (3,9):1
                                 (5,7):-4
(4,7):1
           (4,8):5
                      (4,9):5
                                            (5,8): -2
                                                       (5,9):3
(6,7):4
           (6,8): -3
                      (6,9):3
```

642. Inequality 642 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):3
                      (1,6):2
                                 (1,7):1
                                            (1,8):3
                                                       (1,9): -2
                      (2,6):2
(2,4):-1
           (2,5): -2
                                 (2,7):-2
                                            (2,8):2
                                                       (2,9):1
(3,4):0
           (3,5):1
                      (3,6): -1
                                 (3,7):1
                                            (3,8):0
                                                       (3,9):1
(4,7):1
           (4,8):3
                      (4,9):2
                                 (5,7): -3
                                            (5,8):-1
                                                       (5,9):2
(6,7):2
                      (6,9):2
           (6,8): -3
```

643. Inequality 643 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):3
           (1,5):1
                      (1,6):3
                                (1,7):2
                                          (1,8): -3
                                                      (1,9):0
(2,4):0
                                (2,7):2
                                           (2,8):2
                                                      (2,9):2
           (2,5): -2
                      (2,6):0
(3,4):-3
           (3,5):1
                      (3,6):3
                                (3,7):2
                                           (3,8):0
                                                     (3,9):-3
(4,7):0
           (4,8):3
                     (4,9): -3
                                (5,7):2
                                           (5,8):1
                                                      (5,9):3
(6,7):-4
           (6,8):3
                      (6,9):1
```

644. Inequality 644 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,8): -3
          (1,5):2
                     (1,6):4
                                (1,7):2
                                                      (1,9): -3
(1,4):0
(2,4):3
          (2,5): -2
                     (2,6):2
                                (2,7):-1
                                                      (2,9):-2
                                           (2,8):2
(3,4):3
          (3,5):1
                     (3,6): -2
                                (3,7):2
                                           (3,8):3
                                                      (3,9):-1
(4,7):0
          (4,8): -3
                     (4,9):3
                                (5,7):-1
                                           (5,8):1
                                                      (5,9):1
(6,7):0
          (6,8):2
                     (6,9):2
```

645. Inequality 645 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):3
           (1,5):2
                                 (1,7):-1
                                            (1,8):-1
                                                       (1,9):0
                      (1,6): -1
(2,4):-3
           (2,5):1
                      (2,6): -2
                                 (2,7):2
                                            (2,8):2
                                                       (2,9):0
(3,4):-1
           (3,5):3
                      (3,6):3
                                 (3,7):-2
                                            (3,8):3
                                                       (3,9):0
(4,7):2
           (4,8):3
                      (4,9):0
                                 (5,7):1
                                            (5,8): -2
                                                       (5,9):1
                      (6,9): -1
(6,7):2
           (6,8):-1
```

646. Inequality 646 with incidence 33 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-2
           (1,5):0
                     (1,6): -1
                                 (1,7):1
                                            (1,8):1
                                                       (1,9):1
(2,4):-1
           (2,5):2
                                            (2,8):2
                                                      (2,9):-1
                      (2,6):1
                                 (2,7):3
                                (3,7):-3
(3,4):-2
           (3,5):2
                      (3,6):2
                                            (3,8):4
                                                      (3,9):1
                      (4,9):2
                                           (5,8):-2
           (4,8):2
(4,7):1
                                 (5,7):0
                                                       (5,9):2
(6,7):0
           (6,8):-1
                      (6,9): -1
```

647. Inequality 647 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):2
                     (1,6):3
                                (1,7):2
                                           (1,8):0
                                                      (1,9): -2
(2,4):-2
           (2,5):1
                     (2,6): -2
                                (2,7):3
                                           (2,8):3
                                                      (2,9):1
                                (3,7):-2
                                                      (3,9):-1
(3,4):-1
           (3,5):2
                     (3,6): -2
                                           (3,8):4
                                                      (5,9):2
(4,7):1
           (4,8):2
                     (4,9):1
                                (5,7):-1
                                           (5,8): -2
(6,7):-1
           (6,8):3
                     (6,9):1
```

648. Inequality 648 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):2
                                (1,7):-1
(1,4):1
           (1,5):2
                                            (1,8):3
                                                      (1,9):-3
(2,4):-3
           (2,5):3
                                                       (2,9):0
                     (2,6): -1
                                 (2,7):3
                                            (2,8):2
(3,4):-3
           (3,5): -3
                                (3,7):-1
                                            (3,8):3
                                                       (3,9):3
                      (3,6):1
(4,7):2
           (4,8):4
                      (4,9):3
                                (5,7):-3
                                                       (5,9):4
                                           (5,8):-1
                      (6,9):1
(6,7):2
           (6,8): -3
```

649. Inequality 649 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                      (1,6):2
                                 (1,7):-1
                                            (1,8):1
                                                       (1,9):-1
(2,4):-4
           (2,5):3
                      (2,6): -2
                                 (2,7):4
                                            (2,8):3
                                                       (2,9):2
(3,4):-3
           (3,5): -2
                      (3,6):3
                                 (3,7):-3
                                            (3,8):3
                                                       (3,9):2
(4,7):1
           (4,8):4
                      (4,9):3
                                 (5,7): -3
                                            (5,8):-3
                                                       (5,9):3
(6,7):4
           (6,8): -2
                      (6,9):1
```

650. Inequality 650 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):0
                                 (1,7):2
           (1,5):-1
                      (1,6):2
                                            (1,8):1
                                                      (1,9):2
(2,4):-1
                                                      (2,9):0
           (2,5):1
                      (2,6):1
                                 (2,7):0
                                           (2,8):1
(3,4):-1
                                           (3,8):1
                                                      (3,9):2
           (3,5):-1
                      (3,6):1
                                (3,7):-2
(4,7):0
           (4,8):1
                      (4,9):1
                                 (5,7):0
                                           (5,8):-1
                                                      (5,9):2
(6,7):0
           (6,8):-1
                     (6,9):-1
```

651. Inequality 651 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):1
                      (1,6):1
                                 (1,7):-1
                                            (1,8):2
                                                       (1,9):0
                                 (2,7):5
(2,4):-5
           (2,5):3
                      (2,6): -2
                                            (2,8):3
                                                       (2,9):2
(3,4):-2
           (3,5): -1
                      (3,6):1
                                 (3,7):-2
                                            (3,8):2
                                                       (3,9):2
(4,7):2
           (4,8):5
                      (4,9):5
                                 (5,7): -3
                                            (5,8):-4
                                                       (5,9):4
(6,7):3
           (6,8): -2
                      (6,9):1
```

652. Inequality 652 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):2
                      (1,6):2
                                 (1,7): -2
                                            (1,8):2
                                                       (1,9):1
(2,4):-3
           (2,5):2
                                 (2,7):2
                                            (2,8):2
                                                       (2,9):0
                      (2,6): -1
(3,4):-1
           (3,5):0
                      (3,6):1
                                 (3,7):-1
                                            (3,8):1
                                                       (3,9):0
(4,7):1
           (4,8):3
                      (4,9):3
                                 (5,7):0
                                           (5,8): -3
                                                       (5,9):3
(6,7):2
           (6,8):-1
                      (6,9):-1
```

653. Inequality 653 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):1
                                 (1,7):-1
                                            (1,8):1
                                                       (1,9):1
                      (1,6):1
(2,4):-3
                                 (2,7):2
                                                       (2,9):2
           (2,5):0
                      (2,6): -1
                                            (2,8):2
(3,4):-1
           (3,5):-1
                      (3,6):2
                                 (3,7):-2
                                            (3,8):2
                                                       (3,9):2
(4,7):1
           (4,8):3
                      (4,9):3
                                 (5,7):0
                                            (5,8): -3
                                                       (5,9):3
(6,7):2
           (6,8):-1
                      (6,9):-1
```

654. Inequality 654 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):2
                      (1,6):2
                                 (1,7):0
                                            (1,8): -2
                                                       (1,9): -4
(2,4):4
           (2,5): -4
                      (2,6):1
                                 (2,7):3
                                            (2,8):4
                                                       (2,9):0
(3,4):1
           (3,5):3
                      (3,6):-1
                                 (3,7):-2
                                            (3,8):2
                                                       (3,9): -3
                                            (5,8):2
(4,7): -3
           (4,8): -2
                      (4,9):4
                                 (5,7):3
                                                       (5,9):4
(6,7):1
           (6,8):0
                      (6,9):1
```

655. Inequality 655 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4): -2
           (1,5): -3
                      (1,6):1
                                 (1,7):2
                                            (1,8):0
                                                       (1,9):2
(2,4):-2
           (2,5):2
                                                       (2,9):-1
                      (2,6): -1
                                 (2,7):3
                                            (2,8):3
           (3,5):1
                                 (3,7):-3
(3,4):0
                      (3,6):2
                                            (3,8):3
                                                       (3,9):1
                                                       (5,9):2
(4,7):3
           (4,8):2
                      (4,9):1
                                 (5,7):1
                                            (5,8):-3
(6,7):2
           (6,8):-1
                      (6,9): -1
```

656. Inequality 656 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):1
           (1,5): -3
                                 (1,7):2
                                            (1,8):1
(1,4):-3
                                                       (1,9):2
(2,4):-3
           (2,5):3
                      (2,6): -1
                                 (2,7):4
                                            (2,8):4
                                                       (2,9):-1
                                 (3,7):-4
                                                       (3,9):1
(3,4):0
           (3,5):1
                      (3,6):2
                                            (3.8):4
(4,7):4
           (4,8):3
                      (4,9):1
                                 (5,7):0
                                            (5,8): -3
                                                       (5,9):2
(6,7):2
           (6,8): -1
                      (6,9):-1
```

657. Inequality 657 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):1
                                 (1,7):2
(1,4):-3
           (1,5): -2
                                            (1,8):1
                                                       (1,9):1
(2,4):-3
                                                       (2,9):-1
           (2,5):3
                      (2,6): -1
                                 (2,7):4
                                            (2,8):4
           (3,5):1
                      (3,6):2
(3,4):0
                                 (3,7):-4
                                            (3,8):4
                                                       (3,9):1
(4,7):4
           (4,8):3
                      (4,9):1
                                 (5,7):-1
                                                       (5,9):1
                                            (5,8): -2
(6,7):1
           (6,8):0
                      (6,9): -1
```

658. Inequality 658 with incidence 32 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):-1
           (1,5):2
                     (1,6): -1
                                (1,7):1
                                           (1,8):1
                                                     (1,9):0
                                                     (2,9):1
(2,4):0
          (2,5):1
                     (2,6):2
                                (2,7):-1
                                           (2,8):-1
(3,4):-1
          (3,5):0
                     (3,6):1
                                (3,7):-1
                                           (3,8):2
                                                     (3,9):1
                                (5,7):-1
(4,7):1
          (4,8):1
                     (4,9):2
                                          (5,8):-1
                                                     (5,9):1
(6,7):1
           (6,8):0
                     (6,9): -1
```

659. Inequality 659 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):1
(1,4):1
          (1,5): -2
                     (1,6):1
                                           (1,8):1
                                                      (1,9): -2
(2,4):3
          (2,5):1
                     (2,6): -2
                                (2,7):-1
                                           (2,8): -1
                                                      (2,9):0
(3,4):2
          (3,5):2
                                (3,7):1
                                           (3,8):-3
                                                      (3,9):0
                     (3,6):2
(4,7):0
          (4,8):2
                     (4,9):2
                                (5,7):1
                                           (5,8):2
                                                      (5,9): -2
(6,7):0
          (6,8):1
                     (6,9):2
```

660. Inequality 660 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                      (1,6):2
                                 (1,7):-1
                                            (1,8):-1
                                                       (1,9):-1
(2,4):-1
                      (2,6):2
           (2,5): -2
                                 (2,7):2
                                            (2,8):2
                                                      (2,9):-1
(3,4):0
           (3,5):2
                     (3,6): -2
                                 (3,7):-2
                                            (3,8):2
                                                       (3,9):0
(4,7):1
           (4,8):1
                     (4,9): -2
                                 (5,7):3
                                            (5,8):1
                                                       (5,9):2
(6,7):-1
           (6,8):1
                      (6,9):2
```

661. Inequality 661 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):-1
(1,4):1
           (1,5):2
                     (1,6):2
                                           (1,8):1
                                                      (1,9):-1
(2,4):-3
           (2,5):1
                                (2,7):2
                                           (2,8):3
                                                      (2,9):2
                     (2,6):1
(3,4):-1
           (3,5):2
                     (3,6): -2
                                (3,7):-1
                                           (3,8):3
                                                      (3,9):-1
(4,7):1
           (4,8):2
                     (4,9):2
                                (5,7):0
                                           (5,8): -3
                                                      (5,9):2
           (6,8):0
                     (6,9): -2
(6,7):1
```

662. Inequality 662 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5): -2
                      (1,6):2
                                 (1,7):0
                                            (1,8): -2
                                                       (1,9):0
(1,4):2
(2,4):-3
           (2,5):2
                                 (2,7):2
                      (2,6):1
                                            (2,8):3
                                                       (2,9):1
(3,4): -2
           (3,5):2
                      (3,6):2
                                 (3,7):-2
                                            (3,8):3
                                                       (3,9):1
(4,7):1
           (4,8):4
                      (4,9):4
                                 (5,7):0
                                           (5,8):-5
                                                       (5,9):3
(6,7):1
           (6,8):-1
                     (6,9):-1
```

663. Inequality 663 with incidence 32 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4): -2
           (1,5): -3
                                 (1,7): -2
                                                        (1,9):5
                      (1,6):3
                                            (1,8):-1
(2,4):-4
           (2,5):0
                      (2,6): -2
                                 (2,7):4
                                            (2,8):4
                                                       (2,9):2
(3,4):0
           (3,5):3
                      (3,6):3
                                 (3,7):-4
                                            (3,8):5
                                                       (3,9):-1
(4,7):2
           (4,8):3
                      (4,9):3
                                 (5,7):0
                                            (5,8): -3
                                                       (5,9):3
                      (6,9): -2
(6,7):4
           (6,8):0
```

664. Inequality 664 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5): -2
                      (1,6):2
                                 (1,7):-1
                                            (1,8): -1
                                                       (1,9):3
(2,4):-2
                                 (2,7):2
                                            (2,8):2
           (2,5):2
                      (2,6):1
                                                       (2,9):1
           (3,5):2
                                 (3,7):-2
(3,4):1
                      (3,6):2
                                            (3,8):2
                                                      (3,9):-1
(4,7):1
           (4,8):2
                      (4,9):3
                                 (5,7):-1
                                            (5,8):-3
                                                       (5,9):2
(6,7):1
           (6,8):0
                      (6,9): -2
```

665. Inequality 665 with incidence 32 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,5):3
                     (1,6):3
                                (1,7):2
                                          (1,8):0
                                                    (1,9):-5
(1,4):3
(2,4):-5
           (2,5):3
                     (2,6):1
                                (2,7):4
                                          (2,8):4
                                                    (2,9):1
                               (3,7):-4
                                                    (3,9):-2
(3,4):0
          (3,5): -3
                     (3,6):5
                                          (3,8):4
(4,7):2
           (4,8):4
                     (4,9):4
                               (5,7):-5
                                          (5,8):0
                                                    (5,9):2
          (6,8): -4
                     (6,9):4
(6,7):1
```

666. Inequality 666 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6): \overline{3}
                                   (1,7):1
                                                          (1,9):-3
(1,4):2
            (1,5):4
                                              (1,8): -1
(2,4):-2
            (2,5):6
                                                          (2,9):-2
                       (2,6): -2
                                   (2,7):4
                                              (2,8):4
            (3,5):0
                       (3,6):4
(3,4): -2
                                  (3,7):-4
                                              (3,8):4
                                                          (3,9): -2
(4,7):0
            (4,8):4
                       (4,9):2
                                   (5,7):-4
                                              (5,8): -2
                                                          (5,9):4
                       (6,9):1
(6,7):3
           (6,8):-1
```

667. Inequality 667 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):1
                     (1,6):2
                                (1,7):-1
                                           (1,8):1
                                                     (1,9): -3
                                                     (2,9):1
                                           (2,8):2
(2,4):-2
           (2,5):0
                     (2,6):2
                                (2,7):3
(3,4):-1
          (3,5):-1
                     (3,6):1
                                (3,7):-2
                                           (3,8):2
                                                     (3,9):1
                                (5,7): -2
(4,7):2
           (4,8):1
                     (4,9):2
                                          (5,8):0
                                                     (5,9):2
(6,7):0
          (6,8): -2
                     (6,9):1
```

668. Inequality 668 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):2
(1,4):-2
           (1,5):0
                     (1,6): -2
                                            (1,8):2
                                                      (1,9):2
(2,4):-1
           (2,5):1
                      (2,6):1
                                 (2,7):1
                                           (2,8):1
                                                      (2,9):-1
(3,4):-1
                                (3,7):-2
           (3,5):-1
                      (3,6):1
                                           (3,8):2
                                                      (3,9):1
(4,7):1
           (4,8):2
                      (4,9):1
                                (5,7):-1
                                           (5,8):-1
                                                      (5,9):2
(6,7):1
           (6,8):0
                      (6,9):1
```

669. Inequality 669 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):2
                     (1,6):1
                                (1,7):1
                                           (1,8):0
                                                      (1,9): -2
          (2,5):1
(2,4):-3
                     (2,6):2
                                (2,7):3
                                           (2,8):3
                                                      (2,9):2
(3,4):0
          (3,5):1
                     (3,6):-1
                                (3,7): -2
                                           (3,8):3
                                                      (3,9):-1
(4,7):1
          (4,8):2
                     (4,9):2
                                (5,7): -2
                                           (5,8):-2
                                                      (5,9):2
(6,7):-1
          (6,8):0
                     (6,9):-1
```

670. Inequality 670 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4): -2
           (1,5): -3
                      (1,6): -4
                                  (1,7):1
                                             (1,8):3
                                                        (1,9):5
(2,4):-2
           (2,5):5
                                  (2,7):4
                                             (2,8):4
                                                        (2,9): -2
                      (2,6): -1
(3,4): -2
           (3,5):1
                       (3,6):4
                                  (3,7):-4
                                             (3,8):5
                                                        (3,9): -2
(4,7):0
           (4,8):4
                       (4,9):2
                                  (5,7): -3
                                             (5,8): -2
                                                        (5,9):4
(6,7):4
           (6,8):0
                       (6,9):3
```

671. Inequality 671 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):1
                     (1,6):2
                                (1,7):2
                                           (1,8): -1
                                                      (1,9):-3
(2,4):-3
           (2,5):0
                                (2,7):2
                                           (2,8):2
                                                      (2,9):2
                     (2,6):1
(3,4):-1
           (3,5):1
                     (3,6): -1
                                (3,7):-1
                                           (3,8):2
                                                      (3,9):0
(4,7):1
           (4,8):3
                     (4,9):3
                                (5,7):0
                                           (5,8):-3
                                                      (5,9):3
(6,7): -2
           (6,8):1
                     (6,9):1
```

672. Inequality 672 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):1
                      (1,6):1
                                 (1,7):1
                                            (1,8):0
                                                       (1,9): -2
(2,4):-3
           (2,5):2
                      (2,6): -1
                                 (2,7):3
                                            (2,8):2
                                                       (2,9):1
(3,4):-1
           (3,5):-1
                      (3,6):2
                                 (3,7):-2
                                            (3,8):2
                                                       (3,9):0
(4,7):1
           (4,8):3
                      (4,9):3
                                 (5,7): -3
                                            (5,8):-1
                                                       (5,9):2
                      (6,9):2
(6,7):2
           (6,8): -2
```

673. Inequality 673 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):1
                      (1,6):1
                                 (1,7):1
                                            (1,8): -1
                                                       (1,9): -2
(2,4):-5
           (2,5):3
                                                       (2,9):2
                      (2,6): -2
                                 (2,7):5
                                            (2,8):3
                                 (3,7):-3
(3,4):-3
           (3,5):-1
                                                       (3,9):1
                      (3,6):3
                                            (3,8):3
           (4,8):6
                      (4,9):5
                                 (5,7):-4
(4,7):1
                                            (5,8):-3
                                                       (5,9):4
(6,7):4
           (6,8): -2
                      (6,9):2
```

674. Inequality 674 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):0
                      (1,6):2
                                (1,7):-2
                                                      (1,9):1
(1,4):1
                                           (1,8):2
(2,4):-2
           (2,5):3
                      (2,6):1
                                (2,7):2
                                           (2,8):2
                                                      (2,9):0
                                (3,7):-1
                                                      (3,9):0
(3,4):0
          (3,5):-1
                      (3,6):1
                                           (3,8):1
(4,7):3
           (4,8):1
                     (4,9):3
                                (5,7): -3
                                           (5,8): -2
                                                      (5,9):3
(6,7):1
          (6,8): -2
                     (6,9):-1
```

675. Inequality 675 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,9): -2
(1,4):-1
           (1,5):1
                      (1,6):1
                                 (1,7):1
                                           (1,8):2
(2,4):-3
                                 (2,7):3
                                                      (2,9):2
           (2,5):1
                      (2,6): -2
                                           (2,8):1
                      (3,6):1
(3,4):-1
           (3,5): -2
                                (3,7):-2
                                           (3,8):2
                                                      (3,9):2
(4,7):2
           (4,8):3
                      (4,9):2
                                           (5,8):0
                                                      (5,9):2
                                (5,7):-2
(6,7):2
                      (6,9):2
           (6,8): -2
```

676. Inequality 676 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5): -1
                      (1,6):2
                                 (1,7):-1
                                            (1,8):1
                                                       (1,9):1
(2,4):-1
           (2,5):2
                      (2,6):1
                                 (2,7):3
                                            (2,8):2
                                                       (2,9):-1
(3,4): -2
           (3,5):1
                      (3,6):2
                                 (3,7):-2
                                            (3,8):3
                                                       (3,9):0
                                 (5,7):-1
(4,7):1
           (4,8):1
                      (4,9):1
                                            (5,8):-1
                                                       (5,9):2
           (6,8): -2
(6,7):0
                      (6,9): -1
```

677. Inequality 677 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):-1
                                (1,7):-3
(1,4):2
                      (1,6):3
                                           (1,8):2
                                                      (1,9):1
(2,4):-4
           (2,5):3
                      (2,6):2
                                (2,7):2
                                           (2,8):4
                                                      (2,9):1
(3,4):0
           (3,5):0
                                (3,7):-1
                      (3,6):1
                                           (3,8):1
                                                      (3,9):-1
                                (5,7):-3
(4,7):4
           (4,8):2
                      (4,9):4
                                           (5,8):-3
                                                      (5,9):4
(6,7):3
           (6,8): -4
                     (6,9):-1
```

678. Inequality 678 with incidence 32 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):1
           (1,5):-1
                      (1,6):1
                                 (1,7):-1
                                           (1,8):1
                                                      (1,9):1
(2,4):0
           (2,5):2
                                 (2,7):1
                                           (2,8):1
                                                      (2,9):-1
                      (2,6):1
(3,4):-1
           (3,5):-1
                      (3,6):1
                                (3,7):-1
                                           (3,8):1
                                                      (3,9):1
(4,7):2
           (4,8):0
                      (4,9):2
                                (5,7): -2
                                           (5,8):0
                                                      (5,9):2
(6,7):1
                     (6,9):-1
           (6,8):-1
```

679. Inequality 679 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):3
                      (1,6):3
                                 (1,7):3
                                           (1,8):2
                                                      (1,9): -4
(2,4):-2
                                 (2,7):2
                                           (2,8):1
                                                      (2,9):1
           (2,5):1
                      (2,6): -1
(3,4):-1
           (3,5): -3
                      (3,6):3
                                 (3,7):-4
                                           (3,8):3
                                                      (3,9):2
(4,7):4
           (4,8):2
                      (4,9):4
                                (5,7):-4
                                           (5,8):0
                                                      (5,9):3
           (6,8):-2
                      (6,9):2
(6,7):1
```

680. Inequality 680 with incidence 32 and stabilizer of size 4. Orbit size is 82944 nature: unknown

```
(1,7):2
           (1,5):0
                      (1,6):3
                                            (1,8): -2
                                                       (1,9): -2
(1,4):1
(2,4):-2
           (2,5): -3
                                            (2,8):2
                                                       (2,9):1
                      (2,6):1
                                 (2,7):3
(3,4): -2
           (3,5):3
                      (3,6):1
                                 (3,7):-1
                                            (3,8):2
                                                       (3,9): -3
(4,7):1
           (4,8):3
                      (4,9):-1
                                 (5,7):3
                                            (5,8):0
                                                       (5,9):3
(6,7): -2
           (6,8):1
                      (6,9):2
```

681. Inequality 681 with incidence 32 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):2
           (1,5):0
                                (1,7):-1
                                           (1,8):1
                                                      (1,9):1
                      (1,6):1
(2,4):-2
           (2,5): -3
                      (2,6):2
                                 (2,7):2
                                           (2,8):3
                                                      (2,9):2
(3,4):-2
           (3,5):3
                      (3,6):2
                                (3,7):-2
                                           (3,8):3
                                                     (3,9):-2
                                                      (5,9):3
(4,7):3
           (4,8):2
                     (4,9): -3
                                 (5,7):3
                                           (5,8):0
(6,7):1
           (6,8): -3
                     (6,9):-1
```

682. Inequality 682 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):0
                      (1,6): -2
                                 (1,7):1
                                            (1,8): -1
                                                       (1,9):1
(2,4):-5
                                 (2,7):5
                                                       (2,9):2
           (2,5):3
                      (2,6): -2
                                            (2,8):3
                                            (3,8):3
(3,4):-2
                                 (3,7):-2
                                                       (3,9):2
           (3,5):0
                      (3,6):1
(4,7):2
                                            (5,8): -3
           (4,8):4
                      (4,9):4
                                 (5,7):-3
                                                       (5,9):3
(6,7):3
           (6,8): -2
                      (6,9):2
```

683. Inequality 683 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
          (1,5):0
                    (1,6): -1
                                          (1,8):0
                                                     (1,9):-1
                                (1,7):1
(2,4):2
          (2,5):1
                    (2,6):1
                               (2,7):-1
                                          (2,8): -2
                                                     (2,9):-1
                                          (3,8):-1
                                                      (3,9):1
(3,4):1
          (3,5):1
                    (3,6): -1
                                (3,7):1
(4,7):0
          (4,8):2
                     (4,9):2
                                (5,7):0
                                          (5,8):2
                                                     (5,9): -2
(6,7):1
          (6,8):1
                     (6,9):1
```

684. Inequality 684 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):1
                                 (1,7):2
(1,4): -1
           (1,5): -1
                                            (1,8):1
                                                       (1,9): -2
(2,4):2
           (2,5):1
                      (2,6):1
                                 (2,7):-1
                                            (2,8): -2
                                                       (2,9):-1
           (3,5):2
(3,4):1
                      (3,6): -1
                                            (3,8): -2
                                                       (3,9):2
                                 (3,7):2
(4,7):1
           (4,8):2
                      (4,9):1
                                            (5,8):2
                                                       (5,9):-2
                                 (5,7):0
           (6,8):1
                      (6,9):2
(6,7):0
```

685. Inequality 685 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):1
                      (1,6):2
                                 (1,7):-1
                                            (1,8):-1
                                                       (1,9):0
(2,4):-2
           (2,5): -3
                      (2,6):2
                                 (2,7):3
                                            (2,8):2
                                                       (2,9):2
(3,4):-1
           (3,5): -2
                      (3,6):1
                                 (3,7):-2
                                            (3,8):2
                                                       (3,9):2
                      (4,9): -1
(4,7):1
           (4,8):2
                                 (5,7):1
                                            (5,8):2
                                                       (5,9):3
                      (6,9): -2
(6,7):0
           (6,8):1
```

686. Inequality 686 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):0
                                 (1,7):-1
(1,4):1
                      (1,6):2
                                            (1,8):1
                                                       (1,9):1
(2,4):-3
                      (2,6):2
                                 (2,7):2
           (2,5):3
                                            (2,8):3
                                                       (2,9):1
(3,4):-1
                                 (3,7):-1
           (3,5):2
                      (3,6):-1
                                            (3,8):2
                                                      (3,9):-1
(4,7):1
           (4,8):2
                      (4,9):2
                                 (5,7):-1
                                           (5,8):-3
                                                       (5,9):3
(6,7):0
           (6,8): -1
                      (6,9): -2
```

687. Inequality 687 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):0
                      (1,6):2
                                 (1,7):2
                                            (1,8): -2
                                                       (1,9):3
                      (2,6): -1
(2,4):-4
           (2,5):2
                                 (2,7):3
                                            (2,8):3
                                                       (2,9):1
(3,4):-3
           (3,5): -1
                      (3,6):1
                                 (3,7):-2
                                            (3,8):2
                                                       (3,9):3
(4,7):1
           (4,8):3
                      (4,9):4
                                 (5,7):-2
                                            (5,8):-1
                                                       (5,9):2
(6,7):0
                      (6,9):-1
           (6,8):1
```

688. Inequality 688 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):-1
                      (1,6):1
                                 (1,7):0
                                            (1,8): -1
                                                       (1,9):2
(2,4):-3
           (2,5):2
                      (2,6):2
                                 (2,7):1
                                            (2,8):3
                                                      (2,9):1
(3,4):-2
           (3,5):0
                      (3,6): -2
                                 (3,7):0
                                            (3,8):2
                                                       (3,9):2
(4,7):1
           (4,8):2
                      (4,9):3
                                (5,7):-1
                                           (5,8): -2
                                                      (5,9):2
           (6,8):0
                      (6,9):0
(6,7):1
```

689. Inequality 689 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):2
                      (1,6):2
                                 (1,7):0
                                            (1,8): -2
                                                       (1,9): -3
(1,4):1
(2,4):3
           (2,5): -2
                                 (2,7):2
                                                       (2,9):-1
                      (2,6):1
                                            (2,8):3
(3,4):2
           (3,5):1
                      (3,6):-1
                                 (3,7):-2
                                            (3,8):2
                                                       (3,9): -2
(4,7):-1
           (4,8): -2
                      (4,9):3
                                 (5,7):1
                                            (5,8):2
                                                       (5,9):2
(6,7):0
           (6,8):1
                      (6,9):1
```

690. Inequality 690 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
          (1,5):-1
                                (1,7):0
                                           (1,8):0
                                                     (1,9):1
                     (1,6):1
(2,4):-4
           (2,5):2
                     (2,6):0
                                (2,7):4
                                           (2,8):4
                                                     (2,9):2
(3,4):-3
           (3,5):1
                     (3,6):1
                               (3,7): -3
                                           (3,8):4
                                                     (3,9):2
                                                     (5,9):2
(4,7):1
           (4,8):3
                     (4,9):4
                               (5,7):-1
                                          (5,8): -3
          (6,8): -2
(6,7):1
                     (6,9):1
```

691. Inequality 691 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5): -2
                      (1,6):2
                                 (1,7):-1
                                            (1,8):1
                                                       (1,9):1
(2,4):-4
           (2,5):2
                      (2,6): -2
                                 (2,7):4
                                            (2,8):3
                                                      (2,9):3
(3,4):-2
           (3,5):2
                                (3,7):-2
                                            (3.8):4
                                                      (3,9):0
                      (3,6):2
(4,7):1
           (4,8):3
                      (4,9):3
                                (5,7):-2
                                           (5,8):-3
                                                      (5,9):3
(6,7):2
           (6,8): -2
                      (6,9):2
```

692. Inequality 692 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):1
                     (1,6):2
                                (1,7):-1
                                           (1,8):2
                                                      (1,9):1
(1,4):-1
(2,4):-2
          (2,5):1
                     (2,6): -1
                                (2,7):2
                                           (2,8):2
                                                     (2,9):0
                                (3,7):-1
                                           (3,8):2
(3,4):-1
          (3,5):1
                     (3,6): -1
                                                     (3,9):0
                                                     (5,9):2
(4,7):1
          (4,8):3
                     (4,9):2
                                (5,7):0
                                           (5,8): -3
          (6,8):0
                     (6,9):-1
(6,7):1
```

693. Inequality 693 with incidence 32 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,6):2
                                 (1,7):1
                                                       (1,9):-3
(1,4):1
           (1,5):3
                                            (1,8): -2
(2,4):3
           (2,5): -2
                                                       (2,9):-1
                      (2,6):1
                                 (2,7):2
                                            (2,8):3
(3,4):3
           (3,5):2
                                 (3,7): -2
                                            (3,8):2
                                                       (3,9): -3
                      (3,6): -2
(4,7):-1
           (4,8): -3
                      (4,9):3
                                 (5,7):1
                                            (5,8):3
                                                       (5,9):3
           (6,8):1
(6,7): -1
                      (6,9):1
```

694. Inequality 694 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):2
                      (1,6): -1
                                 (1,7):1
                                            (1,8):1
                                                       (1,9):0
(2,4):0
           (2,5):1
                      (2,6):1
                                 (2,7):1
                                            (2,8):2
                                                       (2,9):-1
(3,4):-1
           (3,5):1
                      (3,6):2
                                 (3,7): -2
                                            (3,8):3
                                                       (3,9):-1
(4,7):0
           (4,8):3
                      (4,9):3
                                 (5,7):-1
                                            (5,8):-3
                                                       (5,9):2
           (6,8): -2
(6,7):1
                      (6,9):1
```

695. Inequality 695 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):2
                                 (1,7):1
                                                       (1,9):0
(1,4):-1
                      (1,6): -2
                                            (1,8):2
(2,4):-1
                                            (2,8):3
           (2,5):2
                      (2,6):2
                                 (2,7):1
                                                       (2,9):-1
(3,4): -1
           (3,5):-1
                                 (3,7):-2
                                            (3,8):2
                      (3,6):1
                                                       (3,9):1
(4,7):0
           (4,8):2
                      (4,9):1
                                 (5,7):-1
                                            (5,8): -2
                                                       (5,9):2
(6,7):1
           (6,8): -1
                      (6,9):1
```

696. Inequality 696 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5): -2
                      (1,6):2
                                (1,7):1
                                           (1,8):1
                                                      (1,9):1
           (2,5):3
(2,4):0
                      (2,6):2
                                (2,7):2
                                           (2,8):2
                                                      (2,9):-1
(3,4):0
           (3,5):0
                      (3,6):1
                                (3,7): -2
                                           (3,8):2
                                                      (3,9):1
(4,7):1
           (4,8):1
                      (4,9):1
                                (5,7):-1
                                           (5,8):-2
                                                      (5,9):2
(6,7):-1
           (6,8): -2
                     (6,9):0
```

697. Inequality 697 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):0
                     (1,6): -2
                                (1,7):-1
                                           (1,8):2
                                                      (1,9):2
(2,4):-2
          (2,5):3
                                (2,7):4
                                           (2,8):4
                                                     (2,9):-2
                     (2,6):1
(3,4):-1
          (3,5):3
                     (3,6):1
                                (3,7): -3
                                           (3,8):4
                                                     (3,9): -2
(4,7):1
          (4,8):3
                     (4,9):2
                                (5,7):0
                                          (5,8):-3
                                                      (5,9):3
(6,7):-1
          (6,8):0
                     (6,9):1
```

698. Inequality 698 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5): -1
                      (1,6):1
                                 (1,7):-2
                                            (1,8):-1
                                                       (1,9):2
(1,4):1
                                                       (2,9):0
(2,4):-3
           (2,5):3
                      (2,6):1
                                 (2,7):3
                                            (2,8):4
(3,4):0
           (3,5):4
                      (3,6):2
                                 (3,7):-4
                                            (3,8):4
                                                      (3,9): -2
(4,7):3
           (4,8):3
                      (4,9):2
                                 (5,7):0
                                            (5,8):-4
                                                       (5,9):4
(6,7):2
           (6,8): -2
                      (6,9): -2
```

699. Inequality 699 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5): -2
                      (1,6):2
                                (1,7):-2
                                           (1,8):-1
                                                      (1,9):2
(2,4):-1
           (2,5):1
                      (2,6):2
                                 (2,7):3
                                            (2,8):2
                                                      (2,9):1
(3,4):0
           (3,5):2
                      (3,6):2
                                (3,7):-3
                                            (3,8):3
                                                      (3,9):0
(4,7):2
           (4,8):1
                      (4,9):1
                                (5,7):-1
                                           (5,8):-2
                                                      (5,9):2
                     (6,9): -2
(6,7):1
           (6,8):-1
```

700. Inequality 700 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                     (1,6):1
                                (1,7):0
                                           (1,8):1
                                                     (1,9):-1
(2,4):-2
          (2,5):1
                                (2,7):3
                     (2,6): -1
                                           (2,8):2
                                                      (2,9):1
(3,4):0
          (3,5):0
                                (3,7):-3
                                                      (3,9):0
                     (3,6):0
                                           (3,8):3
(4,7):2
          (4,8):1
                     (4,9):2
                                          (5,8): -2
                                (5,7): -2
                                                      (5,9):1
(6,7):2
           (6,8):1
                     (6,9):-1
```

701. Inequality 701 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):-2
                                (1,7):-1
                      (1,6):2
                                           (1,8):-1
                                                      (1,9):3
(2,4):-2
           (2,5):2
                      (2,6):1
                                (2,7):2
                                           (2,8):2
                                                      (2,9):1
           (3,5):2
                                           (3,8):2
                                                      (3,9):0
(3,4):0
                      (3,6):2
                                (3,7):-2
(4,7):1
           (4,8):3
                      (4,9):3
                                (5,7):-1
                                           (5,8): -3
                                                      (5,9):2
(6,7):1
           (6,8):1
                     (6,9): -3
```

702. Inequality 702 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6): \overline{2}
                                  (1,7):-1
(1,4):1
           (1,5):2
                                              (1,8): -1
                                                          (1,9):-3
(2,4):3
           (2,5): -3
                                                          (2,9):-1
                       (2,6):1
                                   (2,7):3
                                              (2,8):3
(3,4):0
           (3,5):3
                       (3,6): -2
                                  (3,7): -3
                                              (3,8):3
                                                          (3,9):-1
(4,7):-2
           (4,8): -3
                       (4,9):3
                                                          (5,9):3
                                   (5,7):4
                                              (5,8):1
(6,7):-1
            (6,8):3
                       (6,9):3
```

703. Inequality 703 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5): -1
                      (1,6):1
                                 (1,7):0
                                            (1,8):-1
                                                       (1,9):2
                                            (2,8):2
(2,4):-1
           (2,5):2
                      (2,6):1
                                 (2,7):1
                                                       (2,9):-1
(3,4):-1
           (3,5):0
                      (3,6):2
                                 (3,7):-1
                                            (3,8):2
                                                       (3,9):2
                                 (5,7):-1
(4,7):3
           (4,8):1
                      (4,9):3
                                           (5,8):-2
                                                       (5,9):2
           (6,8): -2
                      (6,9): -2
(6,7):2
```

704. Inequality 704 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5): -2
                                 (1,7):0
(1,4):-1
                      (1,6):2
                                            (1,8):-1
                                                       (1,9):2
(2,4):-1
           (2,5):3
                                            (2,8):2
                      (2,6):1
                                 (2,7):2
                                                       (2,9):-1
(3,4):0
           (3,5):0
                                 (3,7):-2
                                            (3,8):2
                      (3,6):1
                                                       (3,9):1
(4,7):2
           (4,8):1
                      (4,9):1
                                 (5,7):-1
                                            (5,8): -2
                                                       (5,9):2
(6,7):1
           (6,8):0
                      (6,9): -1
```

705. Inequality 705 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5): -3
                      (1,6):3
                                 (1,7):-2
                                            (1,8):-1
                                                        (1,9):4
(2,4):-5
           (2,5):5
                      (2,6):1
                                 (2,7):5
                                                       (2,9):1
                                            (2,8):5
(3,4):0
           (3,5):5
                      (3,6):3
                                 (3,7):-5
                                            (3,8):5
                                                       (3,9): -2
(4,7):4
           (4,8):4
                      (4,9):4
                                 (5,7): -2
                                            (5,8): -6
                                                       (5,9):5
(6,7):4
           (6,8): -1
                      (6,9):-4
```

706. Inequality 706 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):1
                      (1,6):2
                                 (1,7):-1
                                            (1,8):1
                                                       (1,9):0
(2,4):-3
           (2,5):5
                      (2,6):0
                                 (2,7):5
                                            (2,8):5
                                                       (2,9):-2
(3,4):-1
           (3,5):3
                      (3,6):1
                                 (3,7): -3
                                            (3,8):4
                                                       (3,9): -2
(4,7):2
           (4,8):3
                      (4,9):2
                                 (5,7):-1
                                            (5,8):-4
                                                       (5,9):4
(6,7):2
           (6,8): -3
                      (6,9): -2
```

707. Inequality 707 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):1
                      (1,6):2
                                 (1,7):-1
                                            (1,8):1
                                                       (1,9):0
(1,4):1
(2,4):-2
                                                      (2,9):-1
           (2,5):3
                      (2,6):1
                                 (2,7):3
                                            (2,8):4
(3,4):-1
           (3,5):2
                      (3,6):1
                                 (3,7):-2
                                            (3,8):3
                                                      (3,9):-1
(4,7):1
           (4,8):2
                      (4,9):1
                                 (5,7):0
                                           (5,8):-3
                                                       (5,9):3
(6,7):1
           (6,8): -3
                      (6,9): -2
```

708. Inequality 708 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                      (1,6): -1
                                 (1,7):1
                                            (1,8):1
                                                       (1,9): -2
(2,4): -2
           (2,5):2
                      (2,6):1
                                 (2,7):2
                                            (2,8):2
                                                       (2,9):1
(3,4):0
           (3,5):2
                      (3,6):1
                                 (3,7):-2
                                            (3,8):2
                                                       (3,9):-1
(4,7):2
           (4,8):1
                      (4,9):2
                                 (5,7):-1
                                            (5,8): -3
                                                       (5,9):2
(6,7):2
           (6,8): -1
                      (6,9): -2
```

709. Inequality 709 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):2
                      (1,6):1
                                 (1,7):0
                                            (1,8): -1
                                                       (1,9): -2
           (2,5): -2
(2,4):2
                                 (2,7):2
                                            (2,8):2
                                                       (2,9):-1
                      (2,6):1
(3,4):0
           (3,5):1
                                 (3,7):-2
                                                       (3,9):0
                      (3,6): -1
                                            (3,8):2
                      (4,9):2
                                 (5,7):2
                                            (5,8):2
(4,7): -3
           (4,8): -1
                                                       (5,9):1
(6,7):1
           (6,8):0
                      (6,9):2
```

710. Inequality 710 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):1
                      (1,6):2
                                 (1,7):-1
                                                      (1,9):0
(1,4):1
                                            (1,8):1
(2,4):-2
           (2,5):2
                      (2,6):1
                                 (2,7):2
                                            (2,8):3
                                                      (2,9):0
                                            (3,8):2
                                                      (3,9):0
(3,4):-1
           (3,5):1
                      (3,6):1
                                 (3,7):-1
(4,7):1
           (4,8):2
                      (4,9):1
                                 (5,7):0
                                           (5,8): -3
                                                      (5,9):3
           (6,8): -3
                      (6,9): -2
(6,7):1
```

711. Inequality 711 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):1
                                (1,7):1
                                                      (1,9): -2
(1,4):2
           (1,5):1
                                           (1,8): -1
(2,4):-3
                      (2,6):2
                                (2,7):1
                                                       (2,9):2
           (2,5):1
                                            (2,8):3
           (3,5): -1
                      (3,6):2
(3,4):0
                                (3,7): -2
                                            (3,8):3
                                                      (3,9): -2
(4,7):1
           (4,8):3
                      (4,9):3
                                           (5,8):0
                                                       (5,9):1
                                (5,7): -2
                      (6,9):0
(6,7):1
           (6,8): -2
```

712. Inequality 712 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):2
                     (1,6):1
                                (1,7):1
                                           (1,8):0
                                                      (1,9): -2
                                                      (2,9):1
                                           (2,8):2
(2,4):-3
           (2,5):1
                     (2,6):1
                                (2,7):2
(3,4):0
          (3,5):-1
                     (3,6):2
                                (3,7): -2
                                           (3,8):2
                                                      (3,9):-1
(4,7):1
           (4,8):2
                     (4,9):2
                                (5,7): -2
                                           (5,8):-1
                                                      (5,9):1
(6,7):0
           (6,8):-1
                     (6,9):1
```

713. Inequality 713 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                                (1,7):1
                                           (1,8):-1
                                                     (1,9):-1
                     (1,6):2
(2,4):-1
                     (2,6): -1
          (2,5):3
                                (2,7):2
                                           (2,8):2
                                                     (2,9):-1
(3,4):-1
          (3,5):0
                                (3,7):-2
                                           (3,8):2
                                                     (3,9):-1
                     (3,6):2
                                                      (5,9):2
(4,7):0
          (4,8):2
                     (4,9):1
                                (5,7): -2
                                          (5,8):-1
(6,7):1
           (6,8):0
                     (6,9):0
```

714. Inequality 714 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                      (1,6):2
                                 (1,7):1
                                            (1,8):0
                                                       (1,9):0
                      (2,6): -1
(2,4):-2
           (2,5):2
                                 (2,7):2
                                            (2,8):3
                                                       (2,9):0
(3,4):-1
           (3,5): -1
                      (3,6):1
                                 (3,7):-2
                                            (3,8):2
                                                       (3,9):1
(4,7):1
           (4,8):2
                      (4,9):1
                                 (5,7): -2
                                            (5,8): -2
                                                       (5,9):1
                      (6,9):-1
(6,7):0
           (6,8):1
```

715. Inequality 715 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):1
(1,4):0
           (1,5):1
                                (1,7):1
                                           (1,8):1
                                                     (1,9): -2
(2,4):0
           (2,5):2
                                (2,7):1
                                           (2,8):1
                                                     (2,9):-1
                     (2,6):1
(3,4):-1
           (3,5): -3
                     (3,6):2
                                (3,7): -3
                                           (3,8):2
                                                     (3,9):3
(4,7):3
           (4,8):1
                     (4,9):3
                                (5,7): -3
                                           (5,8):0
                                                     (5,9):3
           (6,8):-1
(6,7):1
                     (6,9):0
```

716. Inequality 716 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):2
                      (1,6):2
                                 (1,7):1
                                            (1,8):1
                                                       (1,9): -2
(1,4):0
           (2,5):2
                                 (2,7):2
                                            (2,8):2
                                                        (2,9):0
(2,4):-1
                      (2,6): -1
(3,4):0
           (3,5): -2
                      (3,6):2
                                 (3,7): -3
                                            (3,8):2
                                                        (3,9):1
(4,7):2
           (4,8):1
                      (4,9):2
                                 (5,7): -3
                                            (5,8):-1
                                                        (5,9):2
(6,7):1
           (6,8): -1
                      (6,9):1
```

717. Inequality 717 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):1
                                (1,7):0
                                           (1,8):1
                                                     (1,9): -2
                     (1,6):1
(2,4):-1
           (2,5):2
                     (2,6):1
                                (2,7):2
                                           (2,8):1
                                                     (2,9):-1
(3,4):-1
           (3,5): -3
                     (3,6):2
                                (3,7):-3
                                           (3,8):2
                                                     (3,9):3
                                                     (5,9):3
(4,7):3
           (4,8):1
                     (4,9):3
                                (5,7): -3
                                          (5,8):0
(6,7):1
           (6,8): -1
                     (6,9):0
```

718. Inequality 718 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):3
                      (1,6):2
                                 (1,7):1
                                            (1,8): -1
                                                       (1,9): -2
(2,4):-2
           (2,5):3
                      (2,6): -2
                                 (2,7):4
                                            (2,8):4
                                                       (2,9):1
           (3,5): -2
                                 (3,7):-4
(3,4):0
                      (3,6):4
                                            (3,8):4
                                                       (3,9): -2
(4,7):1
                      (4,9):1
           (4,8):1
                                 (5,7):-4
                                            (5,8):0
                                                       (5,9):2
(6,7):2
           (6,8):0
                      (6,9):2
```

719. Inequality 719 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):4
           (1,5):1
                                (1,7): -3
                                                      (1,9):-4
(1,4):4
                                           (1,8):0
(2,4):-4
           (2,5):2
                      (2,6):2
                                (2,7):2
                                           (2,8):2
                                                      (2,9):0
                                (3,7):-3
                                           (3,8):2
(3,4):-2
           (3,5): -3
                     (3,6):3
                                                      (3,9):3
(4,7):3
           (4,8):4
                     (4,9):5
                                (5,7): -3
                                           (5,8): -2
                                                      (5,9):5
(6,7):4
           (6,8): -2
                      (6,9):1
```

720. Inequality 720 with incidence 32 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,6):2
                                (1,7):0
(1,4):1
           (1,5):2
                                           (1,8):1
                                                      (1,9): -2
(2,4):-2
                                (2,7):2
                                           (2,8):2
                                                      (2,9):1
           (2,5):1
                      (2,6):0
(3,4):-1
           (3,5): -2
                                (3,7): -2
                                           (3,8):2
                                                      (3,9):1
                      (3,6):2
           (4,8):2
                      (4,9):1
                                                      (5,9):2
(4,7):1
                                (5,7): -2
                                           (5,8):-1
(6,7):1
           (6,8): -2
                      (6,9):1
```

721. Inequality 721 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):1
                     (1,6):1
                                (1,7):1
                                           (1,8): -1
                                                      (1,9): -2
(2,4):-2
                                                      (2,9):2
           (2,5):1
                     (2,6):2
                                (2,7):2
                                           (2,8):3
(3,4):0
           (3,5):1
                     (3,6): -1
                                (3,7):-1
                                           (3,8):2
                                                      (3,9):-1
                                                      (5,9):2
(4,7):0
           (4,8):2
                     (4,9):2
                                (5,7):-1
                                           (5,8): -2
(6,7):-1
           (6,8):0
                     (6,9):-1
```

722. Inequality 722 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):1
(1,4):1
           (1,5):4
                      (1,6):3
                                            (1,8):2
                                                      (1,9): -3
(2,4):-1
           (2,5):3
                     (2,6): -3
                                 (2,7):4
                                            (2,8):4
                                                      (2,9):1
(3,4):-1
           (3,5):-1
                                (3,7):-4
                      (3,6):1
                                            (3,8):4
                                                       (3,9):1
(4,7):0
           (4,8):2
                      (4,9):1
                                (5,7):-4
                                           (5,8):-4
                                                       (5,9):2
(6,7):3
           (6,8):0
                      (6,9):2
```

723. Inequality 723 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
\overline{(1,7)}:0
(1,4):1
            (1,5):3
                       (1,6):3
                                               (1,8):2
                                                          (1,9):-3
(2,4):-1
            (2,5):2
                       (2,6): -2
                                   (2,7):3
                                              (2,8):3
                                                          (2,9):1
(3,4):-1
           (3,5):-1
                       (3,6):1
                                   (3,7): -3
                                              (3,8):3
                                                          (3,9):1
(4,7):0
            (4,8):2
                       (4,9):1
                                   (5,7): -3
                                              (5,8):-3
                                                          (5,9):2
                       (6,9):2
(6,7):3
           (6,8): -1
```

724. Inequality 724 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                      (1,6): -1
                                 (1,7):2
                                            (1,8):1
                                                      (1,9):-1
(2,4):-2
           (2,5):2
                                 (2,7):3
                                           (2,8):2
                                                      (2,9):0
                      (2,6): -1
(3,4):0
           (3,5): -3
                      (3,6):2
                                 (3,7):-3
                                           (3,8):3
                                                      (3,9):1
(4,7):1
           (4,8):1
                      (4,9):1
                                 (5,7):-4
                                           (5,8):0
                                                      (5,9):3
(6,7):3
           (6,8):-1
                      (6,9):2
```

725. Inequality 725 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):1
           (1,5):2
                      (1,6):1
                                           (1,8):-1
                                                      (1,9):-1
(1,4):-2
           (2,5):-4
                                            (2,8):2
                                                      (2,9):2
(2,4):-2
                      (2,6):2
                                 (2,7):4
(3,4):1
           (3,5):2
                      (3,6):1
                                (3,7): -3
                                            (3,8):2
                                                      (3,9):-1
                     (4,9): -2
(4,7):4
           (4,8):1
                                 (5,7):3
                                            (5,8):2
                                                      (5,9):3
(6,7):-1
           (6,8):0
                     (6,9):-1
```

726. Inequality 726 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):-1
                     (1,6):1
                                (1,7):0
                                           (1,8):0
                                                      (1,9):1
(2,4):0
           (2,5):2
                     (2,6):1
                                (2,7):2
                                           (2,8):3
                                                      (2,9):-2
(3,4):1
           (3,5):1
                     (3,6):2
                                (3,7): -3
                                           (3,8):3
                                                      (3,9):-2
(4,7):1
                                                      (5,9):2
           (4,8):3
                     (4,9):4
                                (5,7):-1
                                           (5,8): -3
(6,7):1
           (6,8): -2
                     (6,9):1
```

727. Inequality 727 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4): -2
           (1,5): -1
                      (1,6):1
                                (1,7):-1
                                            (1,8):1
                                                       (1,9):2
(2,4):-3
           (2,5):3
                                 (2,7):2
                     (2,6): -1
                                            (2,8):3
                                                       (2,9):0
           (3,5):3
                                (3,7):-2
(3,4):0
                      (3,6):2
                                            (3,8):3
                                                      (3,9):-2
           (4,8):3
(4,7):1
                      (4,9):3
                                (5,7):-1
                                           (5,8):-3
                                                       (5,9):3
(6,7):1
           (6,8):-1
                      (6,9):0
```

728. Inequality 728 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-2
           (1,5):0
                     (1,6): -1
                                 (1,7):1
                                                      (1,9):1
                                            (1,8):1
(2,4):-1
           (2,5):3
                      (2,6): -2
                                 (2,7):1
                                            (2,8):1
                                                      (2,9):0
           (3,5):2
                                (3,7):-1
                                                      (3,9):0
(3,4):-2
                      (3,6):2
                                            (3.8):3
(4,7):1
           (4,8):3
                      (4,9):3
                                (5,7):-1
                                           (5,8): -3
                                                      (5,9):3
           (6,8):-1
                      (6,9):1
(6,7):1
```

729. Inequality 729 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
          (1,5):-1
                     (1,6): -1
                                (1,7):1
                                           (1,8):2
                                                      (1,9): -2
(2,4):3
                                           (2,8):2
                                                      (2,9):0
          (2,5):3
                     (2,6):1
                                (2,7): -3
                     (3,6): -2
(3,4):0
          (3,5):1
                                (3,7):1
                                           (3,8):2
                                                      (3,9):2
(4,7):2
          (4,8):-3
                     (4,9):3
                                (5,7):3
                                           (5,8):-2
                                                      (5,9):-4
(6,7):2
          (6,8):3
                     (6,9):1
```

730. Inequality 730 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):0
           (1,5):1
                      (1,6):2
                                 (1,7):2
                                            (1,8):1
                                                       (1,9): -2
(2,4):-2
           (2,5):2
                      (2,6): -1
                                 (2,7):2
                                            (2,8):1
                                                       (2,9):0
(3,4):-1
           (3,5):1
                      (3,6):1
                                 (3,7):-2
                                            (3,8):2
                                                       (3,9):-1
                      (4,9):2
                                 (5,7):-1
(4,7):1
           (4,8):2
                                            (5,8):-1
                                                       (5,9):2
(6,7):0
           (6,8): -1
                      (6,9):1
```

731. Inequality 731 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):1
                                                     (1,9):1
(1,4):-1
          (1,5):1
                     (1,6):1
                                           (1,8):1
(2,4):-2
          (2,5):0
                     (2,6):1
                                (2,7):1
                                           (2,8):1
                                                     (2,9):1
                                (3,7):-1
                                                     (3,9):2
(3,4): -2
          (3,5):0
                     (3,6): -2
                                           (3,8):3
(4,7):1
          (4,8):3
                     (4,9):3
                                (5,7):-1
                                           (5,8):-3
                                                     (5,9):3
(6,7):-1
          (6,8):1
                     (6,9):0
```

732. Inequality 732 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):-1
                      (1,6):2
                                (1,7):-1
                                           (1,8):-1
                                                      (1,9):0
(2,4):-2
           (2,5):2
                      (2,6):2
                                (2,7):3
                                           (2,8):2
                                                      (2,9):-1
(3,4):-1
           (3,5):1
                      (3,6):1
                                (3,7):-2
                                           (3,8):2
                                                      (3,9):-1
(4,7):1
           (4,8):2
                      (4,9):1
                                (5,7): -1
                                           (5,8):-1
                                                      (5,9):2
(6,7):0
           (6,8):0
                     (6,9):1
```

733. Inequality 733 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):0
                     (1,6): -2
                                 (1,7):1
                                            (1,8): -1
                                                       (1,9):1
                                 (2,7):4
                                            (2,8):3
                                                       (2,9):1
(2,4):-3
           (2,5):2
                     (2,6): -1
(3,4): -2
           (3,5):0
                     (3,6): -1
                                (3,7): -2
                                            (3,8):3
                                                       (3,9):2
(4,7):1
           (4,8):3
                     (4,9):2
                                (5,7): -2
                                           (5,8): -2
                                                       (5,9):2
(6,7):2
           (6,8):0
                      (6,9):2
```

734. Inequality 734 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):2
                      (1,6):2
                                  (1,7):1
                                             (1,8):1
                                                       (1,9): -2
(1,4):0
           (2,5):2
                                 (2,7):2
                                                       (2,9):0
(2,4):-2
                      (2,6): -1
                                            (2,8):1
(3,4):-1
           (3,5): -1
                      (3,6):1
                                 (3,7):-1
                                            (3,8):1
                                                        (3,9):1
(4,7):2
           (4,8):2
                      (4,9):3
                                 (5,7): -3
                                            (5,8):-1
                                                        (5,9):3
(6,7):1
           (6,8): -2
                      (6,9):1
```

735. Inequality 735 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):1
                      (1,6):1
                                  (1,7):1
                                                        (1,9):-1
                                             (1,8):-1
(2,4):-3
           (2,5):2
                      (2,6): -1
                                  (2,7):3
                                             (2,8):2
                                                        (2,9):1
(3,4): -2
           (3,5): -1
                      (3,6):2
                                 (3,7): -2
                                             (3,8):2
                                                        (3,9):1
(4,7):1
           (4,8):4
                      (4,9):3
                                 (5,7): -3
                                            (5,8): -2
                                                        (5,9):3
(6,7):2
           (6,8): -1
                      (6,9):1
```

736. Inequality 736 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):1
                      (1,6):2
                                (1,7):-1
                                            (1,8):2
                                                      (1,9):0
(2,4):-2
           (2,5):2
                                                      (2,9):0
                      (2,6):1
                                 (2,7):1
                                            (2,8):2
                                (3,7):-1
                                                      (3,9):1
(3,4):-1
           (3,5): -1
                      (3,6):1
                                           (3,8):1
                      (4,9):2
                                           (5,8):-2
                                                      (5,9):2
(4,7):2
           (4,8):1
                                (5,7):-2
           (6,8): -2
(6,7):1
                     (6,9):-1
```

737. Inequality 737 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):0
                     (1,6): -2
                                (1,7):-1
                                           (1,8):1
                                                     (1,9):1
(1,4):1
(2,4):-3
          (2,5):1
                     (2,6): -2
                                (2,7):2
                                           (2,8):3
                                                     (2,9):3
                                (3,7):-1
(3,4):-1
          (3,5):0
                     (3,6):1
                                           (3,8):2
                                                     (3,9):1
(4,7):1
          (4,8):2
                     (4,9):2
                                (5,7):-1
                                          (5,8): -3
                                                     (5,9):3
          (6,8):1
                     (6,9):2
(6,7):0
```

738. Inequality 738 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6): \overline{2}
                                   (1,7):2
(1,4): -2
            (1,5):2
                                              (1,8):2
                                                          (1,9): -2
(2,4):-2
            (2,5):0
                                                          (2,9):1
                       (2,6): -1
                                   (2,7):1
                                              (2,8):1
                       (3,6):2
(3,4):-1
           (3,5): -2
                                  (3,7):-3
                                              (3,8):2
                                                          (3,9):2
(4,7):3
            (4,8):3
                       (4,9):3
                                  (5,7):-2
                                                          (5,9):3
                                              (5,8):-1
                       (6,9):1
(6,7):1
           (6,8): -1
```

739. Inequality 739 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):-1
                      (1,6): -2
                                 (1,7):1
                                            (1,8):-1
                                                       (1,9):2
(2,4):-4
                                                       (2,9):2
           (2,5):3
                      (2,6): -2
                                 (2,7):4
                                            (2,8):3
(3,4):-2
                      (3,6):0
           (3,5):-1
                                 (3,7):-2
                                            (3,8):2
                                                       (3,9):3
(4,7):1
           (4,8):3
                      (4,9):3
                                 (5,7): -2
                                            (5,8): -2
                                                       (5,9):3
(6,7):2
           (6,8):-1
                      (6,9):3
```

740. Inequality 740 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
                                 (1,7):1
           (1,5):-1
                      (1,6): -2
                                            (1,8):-1
                                                       (1,9):2
(2,4): -6
                                 (2,7):6
           (2,5):4
                      (2,6): -2
                                            (2,8):5
                                                       (2,9):3
(3,4):-4
                                 (3,7):-4
                                                       (3,9):3
           (3,5):0
                      (3,6):1
                                            (3,8):4
(4,7):1
           (4,8):5
                      (4,9):5
                                 (5,7): -3
                                            (5,8):-4
                                                       (5,9):4
(6,7):3
           (6,8):-1
                      (6,9):3
```

741. Inequality 741 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):-1
                      (1,6): -2
                                 (1,7):1
                                            (1,8):1
                                                      (1,9):0
           (2,5):3
(2,4):-4
                      (2,6): -2
                                 (2,7):2
                                            (2,8):3
                                                      (2,9):0
(3,4):-2
           (3,5):2
                      (3,6):3
                                (3,7):-2
                                            (3,8):4
                                                      (3,9):1
(4,7):1
           (4,8):3
                      (4,9):3
                                 (5,7):0
                                           (5,8):-3
                                                      (5,9):3
(6,7):2
                      (6,9):-1
           (6,8):0
```

742. Inequality 742 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):-1
                      (1,6): -2
                                 (1,7):1
                                            (1,8):1
                                                       (1,9):0
(2,4):-4
                                 (2,7):2
                                            (2,8):3
                                                      (2,9):2
           (2,5):1
                      (2,6): -2
(3,4):-2
           (3,5):0
                      (3,6):3
                                 (3,7):-2
                                            (3,8):4
                                                      (3,9):3
(4,7):1
           (4,8):3
                      (4,9):3
                                 (5,7):0
                                           (5,8): -3
                                                      (5,9):3
(6,7):2
           (6,8):0
                      (6,9):-1
```

743. Inequality 743 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5): -1
                      (1,6):3
                                 (1,7):-2
                                            (1,8):1
                                                       (1,9):2
(1,4):1
                                 (2,7):3
                                                       (2,9):0
(2,4):-3
           (2,5):4
                      (2,6):2
                                            (2,8):4
(3,4):0
           (3,5):2
                      (3,6):0
                                 (3,7):-2
                                            (3,8):2
                                                       (3,9): -2
(4,7):2
           (4,8):2
                      (4,9):2
                                 (5,7): -2
                                            (5,8):-3
                                                       (5,9):4
(6,7):1
           (6,8): -2
                      (6,9): -2
```

744. Inequality 744 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):-1
                      (1,6):2
                                 (1,7):-1
                                            (1,8):1
                                                       (1,9):2
(2,4):-3
           (2,5):2
                      (2,6):2
                                 (2,7):2
                                            (2,8):3
                                                       (2,9):2
(3,4):1
           (3,5):1
                      (3,6):0
                                 (3,7):-1
                                            (3,8):2
                                                       (3,9): -3
(4,7):2
           (4,8):1
                      (4,9):2
                                 (5,7):-1
                                            (5,8):-1
                                                       (5,9):2
(6,7):1
           (6,8): -2
                      (6,9): -3
```

745. Inequality 745 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):1
                     (1,6):2
                                (1,7):2
                                           (1,8): -1
                                                      (1,9):1
          (2,5):2
                                                      (2,9):0
(2,4):-3
                     (2,6): -1
                                (2,7):3
                                           (2,8):3
          (3,5):1
                                (3,7):-2
                                                      (3,9):1
(3,4): -2
                     (3,6): -1
                                           (3,8):3
                                                      (5,9):2
(4,7):2
                                (5,7): -2
           (4,8):3
                     (4,9):3
                                           (5,8):-2
           (6,8):2
                     (6,9):-1
(6,7):-1
```

746. Inequality 746 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5): -2
                     (1,6):2
                                (1,7):-2
                                                      (1,9):0
                                           (1,8):0
(2,4):-2
           (2,5):0
                     (2,6):1
                                (2,7):1
                                           (2,8):1
                                                      (2,9):1
                                (3,7):-1
                                                      (3,9):-2
(3,4):0
           (3,5):2
                     (3,6):2
                                           (3.8):3
(4,7):3
           (4,8):3
                     (4,9):4
                                (5,7): -2
                                           (5,8): -2
                                                      (5,9):4
(6,7):1
           (6,8): -3
                     (6,9):1
```

747. Inequality 747 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6): \overline{2}
           (1,5):0
                                  (1,7):2
                                                        (1,9):3
(1,4):-1
                                             (1,8): -2
                                             (2,8):2
                                                        (2,9):2
(2,4):-3
           (2,5):0
                      (2,6): -1
                                  (2,7):2
                      (3,6):1
(3,4):-1
           (3,5):0
                                 (3,7):-1
                                             (3,8):1
                                                        (3,9):0
(4,7):2
                      (4,9):3
                                 (5,7):-3
                                                        (5,9):3
           (4,8):2
                                             (5,8):0
           (6,8):1
(6,7):0
                      (6,9): -1
```

748. Inequality 748 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):0
                      (1,6):1
                                 (1,7):1
                                           (1,8):-1
                                                      (1,9):2
(2,4):-3
           (2,5):2
                      (2,6): -1
                                 (2,7):3
                                            (2,8):2
                                                      (2,9):1
(3,4):-2
           (3,5):-1
                      (3,6):1
                                (3,7):-2
                                            (3,8):2
                                                      (3,9):2
                                                      (5,9):2
(4,7):1
           (4,8):2
                      (4,9):3
                                (5,7): -2
                                           (5,8):-1
(6,7):1
           (6,8):0
                      (6,9):0
```

749. Inequality 749 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):3
(1,4):-1
           (1,5):0
                      (1,6):2
                                            (1,8):2
                                                       (1,9):2
(2,4):-1
                                            (2,8):2
           (2,5):2
                      (2,6): -1
                                 (2,7):2
                                                       (2,9): -2
(3,4):0
                                 (3,7):-4
           (3,5):1
                      (3,6):2
                                            (3,8):4
                                                       (3,9):1
(4,7):2
           (4,8):1
                      (4,9):1
                                 (5,7):-1
                                            (5,8): -2
                                                       (5,9):2
(6,7):0
           (6,8): -1
                      (6,9): -2
```

750. Inequality 750 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):0
                      (1,6): -1
                                 (1,7):1
                                            (1,8):0
                                                       (1,9):-1
(2,4):-3
           (2,5):2
                      (2,6): -1
                                 (2,7):2
                                            (2,8):2
                                                       (2,9):0
(3,4):-1
           (3,5):2
                      (3,6):2
                                 (3,7):-2
                                            (3,8):3
                                                       (3,9):0
(4,7):1
           (4,8):3
                      (4,9):3
                                 (5,7):0
                                            (5,8):-3
                                                       (5,9):3
(6,7):2
           (6,8): -1
                      (6,9):-1
```

751. Inequality 751 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):1
(1,4):1
           (1,5):1
                      (1,6):1
                                            (1,8): -2
                                                       (1,9): -2
(2,4):4
           (2,5): -3
                                 (2,7):3
                                             (2,8):2
                                                        (2,9):0
                      (2,6):2
(3,4):2
           (3,5):0
                      (3,6): -2
                                 (3,7):-1
                                             (3,8):3
                                                       (3,9): -2
(4,7): -2
           (4,8): -3
                      (4,9):4
                                 (5,7):2
                                             (5,8):3
                                                        (5,9):3
           (6,8):3
                      (6,9):-1
(6,7):-1
```

752. Inequality 752 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):2
                      (1,6):1
                                 (1,7):-1
                                             (1,8):1
                                                       (1,9): -2
(1,4):1
                                 (2,7):3
                                                       (2,9):-1
(2,4):-3
           (2,5):3
                      (2,6): -2
                                             (2,8):4
(3,4):-1
           (3,5): -1
                      (3,6):0
                                 (3,7): -2
                                             (3,8):2
                                                        (3,9):2
(4,7):2
           (4,8):2
                      (4,9):3
                                 (5,7):-1
                                            (5,8):-2
                                                        (5,9):3
(6,7):1
           (6,8):1
                      (6,9): -1
```

753. Inequality 753 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                      (1,6):2
                                  (1,7):0
                                            (1,8): -2
                                                        (1,9): -3
(2,4):3
           (2,5):0
                      (2,6): -1
                                 (2,7):2
                                             (2,8):2
                                                       (2,9): -2
(3,4):2
           (3,5): -1
                      (3,6):1
                                 (3,7): -2
                                             (3,8):3
                                                       (3,9):-1
(4,7):-1
           (4,8): -2
                      (4,9):3
                                 (5,7):1
                                             (5,8):2
                                                        (5,9):2
(6,7):0
           (6,8):1
                      (6,9):1
```

754. Inequality 754 with incidence 32 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):1
           (1,5):1
                     (1,6):1
                                (1,7):0
                                           (1,8): -1
                                                      (1,9):0
           (2,5):0
                                (2,7):1
                                                      (2,9):1
(2,4):0
                     (2,6): -1
                                           (2,8):1
           (3,5):0
                                (3,7):-1
                                                      (3,9):-1
(3,4):-1
                     (3,6):1
                                           (3,8):2
           (4,8):1
                     (4,9): -2
                                                      (5,9):1
(4,7):1
                                (5,7):1
                                           (5,8):1
(6,7):0
           (6,8):0
                     (6,9):1
```

755. Inequality 755 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5): -1
                                 (1,7):1
                                                      (1,9):1
                      (1,6):1
                                           (1,8):1
(2,4):-1
           (2,5):1
                      (2,6): -1
                                 (2,7):2
                                           (2,8):2
                                                      (2,9):-1
(3,4):0
           (3,5):0
                      (3,6):1
                                (3,7):-2
                                           (3,8):2
                                                      (3,9):1
(4,7):2
           (4,8):1
                      (4,9):1
                                (5,7):-1
                                           (5,8):0
                                                      (5,9):1
(6,7):0
           (6,8):0
                      (6,9):-1
```

756. Inequality 756 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-2
           (1,5):-1
                      (1,6):1
                                (1,7):1
                                           (1,8):-1
                                                      (1,9):2
(2,4):-4
                                (2,7):5
                                                      (2,9):2
           (2,5):3
                     (2,6): -2
                                           (2,8):4
           (3,5):0
                     (3,6):0
(3,4):-2
                                (3,7):-3
                                           (3,8):3
                                                      (3,9):2
(4,7):2
                     (4,9):4
                                           (5,8):-3
           (4,8):2
                                (5,7):-2
                                                      (5,9):3
(6,7):1
           (6,8):1
                      (6,9):1
```

757. Inequality 757 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):0
          (1,5):0
                     (1,6):2
                                (1,7):2
                                          (1,8): -2
                                                     (1,9):2
                                                     (2,9):1
(2,4):-5
          (2,5):3
                     (2,6): -1
                                (2,7):4
                                           (2,8):4
(3,4):-3
          (3,5):0
                     (3,6):1
                               (3,7):-2
                                           (3,8):3
                                                     (3,9):3
                               (5,7):-3
(4,7):2
          (4,8):5
                     (4,9):5
                                          (5,8):-3
                                                     (5,9):3
                     (6,9): -2
(6,7):-1
          (6,8):1
```

758. Inequality 758 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):1
                                                      (1,9): -2
(1,4):1
           (1,5):1
                      (1,6):2
                                           (1,8):1
           (2,5):-2
(2,4):3
                      (2,6): -1
                                 (2,7):2
                                           (2,8):2
                                                      (2,9):0
(3,4):1
           (3,5):0
                                (3,7):-2
                                           (3,8):2
                                                      (3,9):-1
                      (3,6):0
(4,7):-1
           (4,8):-2
                      (4,9):2
                                 (5,7):1
                                           (5,8):3
                                                      (5,9):3
(6,7):-1
           (6,8): -2
                      (6,9):2
```

759. Inequality 759 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):0
           (1,5):2
                      (1,6): -1
                                  (1,7):1
                                             (1,8):1
                                                        (1,9):-1
(2,4):3
           (2,5):1
                      (2,6):2
                                 (2,7):-1
                                            (2,8):-1
                                                       (2,9): -2
(3,4): -2
           (3,5):0
                      (3,6):2
                                 (3,7):-1
                                             (3,8):3
                                                        (3,9):2
(4,7):1
           (4,8):3
                      (4,9):3
                                 (5,7):-1
                                            (5,8): -3
                                                        (5,9):3
(6,7):1
           (6,8): -1
                      (6,9):-1
```

760. Inequality 760 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):1
                                 (1,7):-1
(1,4):1
           (1,5):1
                                            (1,8):0
                                                      (1,9):0
(2,4):-2
                                 (2,7):2
                                           (2,8):2
                                                      (2,9):-1
           (2,5): -2
                      (2,6):1
(3,4):0
           (3,5):1
                      (3,6): -2
                                 (3,7):-2
                                           (3,8):2
                                                      (3,9):1
(4,7):2
           (4,8):2
                      (4,9): -3
                                 (5,7):4
                                           (5,8):1
                                                      (5,9):3
(6,7):-1
           (6,8):1
                      (6,9):2
```

761. Inequality 761 with incidence 32 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,5):1
                     (1,6):1
                                (1,7):1
                                           (1,8):-1
                                                      (1,9): -2
(1,4):2
(2,4):-3
          (2,5):2
                     (2,6):2
                                (2,7):2
                                                      (2,9):2
                                           (2,8):3
(3,4):-1
           (3,5):2
                     (3,6): -1
                                (3,7):-1
                                           (3,8):2
                                                      (3,9):-1
(4,7):0
           (4,8):3
                     (4,9):3
                                (5,7):-1
                                           (5,8):-3
                                                      (5,9):3
(6,7):-1
           (6,8):0
                     (6,9):-1
```

762. Inequality 762 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-2
           (1,5): -2
                     (1,6):1
                                (1,7):2
                                           (1,8):1
                                                      (1,9):2
(2,4):-1
           (2,5):4
                     (2,6):1
                                (2,7):3
                                           (2,8):3
                                                      (2,9):-2
(3,4):0
           (3,5):-1
                     (3,6):1
                                (3,7):-4
                                           (3,8):3
                                                      (3,9):1
(4,7):3
           (4,8):2
                     (4,9):2
                                (5,7): -2
                                           (5,8): -2
                                                      (5,9):3
(6,7):0
           (6,8):-1
                     (6,9):0
```

763. Inequality 763 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                      (1,6):1
                                 (1,7):0
                                            (1,8):2
                                                      (1,9): -2
(2,4):-3
                                 (2,7):2
           (2,5):2
                     (2,6): -1
                                            (2,8):3
                                                       (2,9):1
                                (3,7):-3
(3,4):-1
           (3,5):-1
                      (3,6):2
                                            (3,8):3
                                                       (3,9):2
(4,7):2
                                (5,7):-2
           (4,8):2
                      (4,9):3
                                           (5,8):-3
                                                       (5,9):2
(6,7):1
           (6,8):-1
                      (6,9):0
```

764. Inequality 764 with incidence 32 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,6):1
           (1,5): -2
                                 (1,7):1
                                            (1,8): -2
                                                       (1,9):1
(1,4):1
(2,4):-2
           (2,5):4
                      (2,6):2
                                 (2,7):2
                                            (2,8):4
                                                       (2,9): -2
                                (3,7):-1
(3,4):-1
           (3,5): -1
                      (3,6):1
                                            (3,8):1
                                                       (3,9):1
(4,7):1
           (4,8):4
                      (4,9):3
                                (5,7): -2
                                           (5,8): -3
                                                       (5,9):4
           (6,8): -2
                      (6,9):1
(6,7):1
```

765. Inequality 765 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):1
                                 (1,7):1
(1,4):0
           (1,5):2
                                            (1,8): -1
                                                       (1,9):-1
(2,4):-1
           (2,5):2
                      (2,6): -2
                                 (2,7):4
                                            (2,8):3
                                                       (2,9): -2
           (3,5): -1
                      (3,6):1
(3,4):0
                                 (3,7):-3
                                            (3,8):2
                                                       (3,9):1
(4,7):3
           (4,8):1
                      (4,9):3
                                 (5,7):-3
                                            (5,8):0
                                                       (5,9):2
           (6,8):1
(6,7):2
                      (6,9): -1
```

766. Inequality 766 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                     (1,6):3
                                (1,7):1
                                           (1,8):-1
                                                      (1,9):0
(2,4):-2
                                                      (2,9):-2
           (2,5):3
                     (2,6): -3
                                (2,7):2
                                           (2,8):4
(3,4):-1
           (3,5):0
                     (3,6):1
                                (3,7):-1
                                           (3,8):2
                                                      (3,9):1
                                (5,7):-1
                                                      (5,9):2
(4,7):1
           (4,8):3
                     (4,9):2
                                           (5,8): -2
           (6,8):2
(6,7):0
                     (6,9): -3
```

767. Inequality 767 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):2
                                (1,7):1
                                           (1,8):-1
                                                     (1,9):-1
(1,4):1
                     (1,6):2
                     (2,6):0
                                           (2,8):2
(2,4):-2
          (2,5):1
                                (2,7):2
                                                      (2,9):1
(3,4):0
          (3,5):2
                                (3,7):-1
                                                     (3,9): -2
                     (3,6): -2
                                           (3,8):3
                                                      (5,9):2
(4,7):1
          (4,8):2
                     (4,9):2
                                (5,7):-1
                                          (5,8):-2
(6,7):0
           (6,8):2
                     (6,9): -2
```

768. Inequality 768 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):1
                      (1,6):1
                                  (1,7):1
                                            (1,8):-1
                                                        (1,9):-1
                      (2,6):0
(2,4): -2
           (2,5):4
                                  (2,7):4
                                                       (2,9): -2
                                             (2,8):4
(3,4):-1
           (3,5):3
                      (3,6):1
                                 (3,7): -3
                                             (3,8):4
                                                       (3,9): -2
(4,7):1
           (4,8):3
                      (4,9):2
                                 (5,7):-1
                                            (5,8): -3
                                                        (5,9):4
(6,7):0
           (6,8): -1
                      (6,9):-1
```

769. Inequality 769 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):-1
                      (1,6):1
                                (1,7):2
                                           (1,8):1
                                                      (1,9): -2
(2,4):2
           (2,5):1
                                (2,7):-1
                                           (2,8):-2
                                                      (2,9):-1
                      (2,6):1
                                                      (3,9):2
(3,4):0
           (3,5):2
                      (3,6):0
                                (3,7):2
                                           (3,8): -2
(4,7):2
           (4,8):2
                      (4,9):1
                                (5,7):0
                                           (5,8):2
                                                      (5,9): -2
(6,7):-1
           (6,8):1
                      (6,9):2
```

770. Inequality 770 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):3
                      (1,6):2
                                  (1,7):2
                                             (1,8):1
                                                        (1,9):-1
(1,4):1
(2,4):-2
                                                       (2,9):-2
           (2,5):5
                      (2,6): -2
                                  (2,7):4
                                             (2,8):3
(3,4):-1
           (3,5):3
                      (3,6):1
                                 (3,7): -3
                                             (3,8):4
                                                       (3,9): -2
(4,7):1
           (4,8):3
                      (4,9):2
                                 (5,7): -3
                                            (5,8):-4
                                                        (5,9):4
(6,7):1
           (6,8): -1
                      (6,9): -1
```

771. Inequality 771 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):1
                      (1,6):1
                                 (1,7):1
                                            (1,8):2
                                                       (1,9):0
(2,4):-2
           (2,5):0
                      (2,6): -1
                                 (2,7):2
                                            (2,8):2
                                                       (2,9):1
(3,4):0
           (3,5):0
                      (3,6):1
                                 (3,7): -3
                                            (3,8):3
                                                       (3,9):1
(4,7):2
           (4,8):3
                      (4,9):2
                                 (5,7):-1
                                            (5,8): -3
                                                       (5,9):3
                      (6,9): -1
(6,7):1
           (6,8):-1
```

772. Inequality 772 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):0
           (1,5): -1
                      (1,6):1
                                 (1,7):-1
                                            (1,8): -1
                                                       (1,9):2
(2,4):0
                                                       (2,9):-1
           (2,5):2
                      (2,6):1
                                 (2,7):1
                                            (2,8):1
                                 (3,7):-2
           (3,5):0
                                                       (3,9):3
(3,4):-1
                      (3,6):3
                                            (3,8):3
                                 (5,7):-2
(4,7):4
           (4,8):1
                      (4,9):4
                                            (5,8): -2
                                                       (5,9):3
(6,7):2
           (6,8): -2
                      (6,9): -3
```

773. Inequality 773 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):1
                      (1,6):2
                                 (1,7):-1
                                             (1,8):1
                                                        (1,9):0
(1,4):1
(2,4):-5
           (2,5):7
                      (2,6): -2
                                 (2,7):7
                                            (2,8):5
                                                       (2,9): -2
                                 (3,7):-3
(3,4):-1
           (3,5):3
                      (3,6):1
                                            (3.8):4
                                                       (3,9):-2
(4,7):4
           (4,8):5
                      (4,9):4
                                 (5,7): -3
                                            (5,8): -6
                                                       (5,9):6
           (6,8): -3
                      (6,9): -2
(6,7):4
```

774. Inequality 774 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):1
                      (1,6):2
                                (1,7):-1
                                           (1,8):1
                                                      (1,9):0
(2,4):-3
                                (2,7):3
                                                      (2,9):0
           (2,5):3
                      (2,6):0
                                           (2,8):3
                      (3,6):1
(3,4):-1
           (3,5):1
                                (3,7):-1
                                           (3,8):2
                                                      (3,9):0
(4,7):2
                      (4,9):2
                                                      (5,9):4
           (4,8):3
                                (5,7):-1
                                           (5,8):-4
(6,7):2
                     (6,9): -2
           (6,8): -3
```

775. Inequality 775 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):2
                      (1,6):2
                                (1,7):2
                                           (1,8):-1
                                                      (1,9): -3
                                (2,7):3
                                                      (2,9):2
(2,4):-4
           (2,5):1
                      (2,6):1
                                           (2,8):3
(3,4):2
          (3,5): -2
                     (3,6):2
                                (3,7): -3
                                           (3,8):3
                                                      (3,9): -2
(4,7):2
                                                      (5,9):2
           (4,8):2
                      (4,9):4
                                (5,7): -3
                                           (5,8):0
(6,7):-1
           (6,8):-1
                      (6,9):1
```

776. Inequality 776 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):2
(1,4):2
           (1,5):3
                     (1,6): -1
                                            (1,8):0
                                                      (1,9): -2
(2,4):-4
           (2,5):3
                      (2,6):1
                                 (2,7):4
                                            (2,8):3
                                                      (2,9):1
(3,4):2
                                (3,7):-5
                                                      (3,9):-3
           (3,5):1
                      (3,6):3
                                            (3,8):4
                                (5,7):-5
(4,7):3
           (4,8):3
                      (4,9):4
                                           (5,8):-3
                                                      (5,9):3
(6,7):1
           (6,8): -1
                      (6,9):1
```

777. Inequality 777 with incidence 32 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):1
           (1,5): -1
                      (1,6): -2
                                 (1,7):1
                                            (1,8):0
                                                       (1,9):1
(2,4):-1
           (2,5):2
                      (2,6): -1
                                 (2,7):2
                                            (2,8):3
                                                       (2,9):-1
(3,4):1
           (3,5):-1
                      (3,6):1
                                 (3,7): -3
                                            (3,8):2
                                                       (3,9):0
(4,7):1
           (4,8):1
                      (4,9):1
                                 (5,7):-1
                                            (5,8):-1
                                                       (5,9):2
(6,7):2
           (6,8):1
                      (6,9):1
```

778. Inequality 778 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):3
           (1,5):2
                      (1,6):1
                                (1,7): -2
                                           (1,8):2
                                                      (1,9): -4
(2,4):-4
           (2,5):5
                      (2,6):1
                                (2,7):5
                                           (2,8):4
                                                      (2,9):-1
(3,4):-1
           (3,5): -4
                      (3,6):2
                                (3,7):-4
                                           (3,8):3
                                                      (3,9):4
(4,7):4
           (4,8):2
                      (4,9):4
                                (5,7):-4
                                           (5,8): -2
                                                      (5,9):5
           (6,8):-1
                      (6,9):0
(6,7):1
```

779. Inequality 779 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):3
           (1,5):2
                      (1,6):1
                                (1,7): -2
                                           (1,8):1
                                                      (1,9): -3
(2,4):-3
                                (2,7):4
                                                      (2,9):-1
           (2,5):4
                      (2,6):1
                                           (2,8):3
(3,4):-1
           (3,5): -3
                      (3,6):2
                                (3,7):-4
                                           (3,8):3
                                                      (3,9):3
(4,7):4
           (4,8):2
                      (4,9):3
                                (5,7): -3
                                           (5,8):-2
                                                      (5,9):4
(6,7):1
           (6,8):-1
                      (6,9):0
```

780. Inequality 780 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):1
                     (1,6):1
                                (1,7):0
                                           (1,8):0
                                                     (1,9):-1
(2,4):-2
           (2,5):0
                     (2,6):1
                                (2,7):2
                                          (2,8):1
                                                     (2,9):2
(3,4):0
          (3,5):0
                     (3,6):0
                               (3,7): -2
                                          (3,8):2
                                                     (3,9):0
(4,7):2
                                                     (5,9):2
          (4,8):1
                     (4,9):2
                               (5,7): -2
                                          (5,8):-1
(6,7):0
           (6,8):1
                     (6,9):-1
```

781. Inequality 781 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4): -2
           (1,5):0
                     (1,6): -1
                                 (1,7):2
                                            (1,8):2
                                                      (1,9):1
(2,4):-1
           (2,5):2
                                 (2,7):2
                                                      (2,9):-1
                      (2,6):1
                                            (2,8):1
           (3,5):-1
                                (3,7):-4
(3,4):0
                      (3,6):2
                                            (3,8):3
                                                      (3,9):2
                      (4,9):2
                                (5,7):-2
(4,7):3
           (4,8):2
                                           (5,8): -2
                                                       (5,9):3
(6,7):1
           (6,8):0
                      (6,9):-1
```

782. Inequality 782 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):1
           (1,5):2
                                (1,7):-2
                                           (1,8): -1
                                                      (1,9): -1
(1,4):3
(2,4):-3
           (2,5):3
                     (2,6):1
                                (2,7):3
                                           (2,8):3
                                                      (2,9):-1
                                (3,7):-4
(3,4):0
           (3,5): -2
                     (3,6):2
                                           (3,8):3
                                                      (3,9):1
(4,7):4
           (4,8):3
                     (4,9):1
                                (5,7): -2
                                           (5,8):-1
                                                      (5,9):2
           (6,8):-1
                     (6,9):0
(6,7):1
```

783. Inequality 783 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):2
                                 (1,7):-2
(1,4):2
           (1,5):1
                                            (1,8):1
                                                       (1,9): -2
(2,4):-2
                                                       (2,9):2
           (2,5):1
                      (2,6):2
                                 (2,7):1
                                            (2,8):2
           (3,5):1
(3,4):0
                                 (3,7):0
                                            (3,8):1
                                                       (3,9):-1
                      (3,6):-1
(4,7):2
           (4,8):1
                      (4,9):3
                                 (5,7):-2
                                           (5,8): -2
                                                       (5,9):3
(6,7):1
           (6,8):-1
                      (6,9): -1
```

784. Inequality 784 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5): -1
                      (1,6): -1
                                  (1,7):2
                                             (1,8):-1
                                                        (1,9):2
(2,4):-2
           (2,5):4
                      (2,6):0
                                 (2,7):4
                                             (2,8):4
                                                        (2,9): -2
(3,4):-1
           (3,5): -3
                      (3,6):1
                                 (3,7): -3
                                             (3,8):3
                                                        (3,9):3
(4,7):2
           (4,8):2
                      (4,9):2
                                 (5,7): -3
                                            (5,8):-1
                                                        (5,9):4
(6,7):2
           (6,8): -1
                      (6,9):1
```

785. Inequality 785 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):2
(1,4):-3
           (1,5):0
                     (1,6):-1
                                            (1,8):2
                                                      (1,9):2
           (2,5):1
                                                      (2,9):0
(2,4):-1
                      (2,6):1
                                (2,7):0
                                           (2,8):1
(3,4):0
                                (3,7):-3
                                                      (3,9):2
           (3,5):-1
                      (3,6):2
                                           (3,8):2
(4,7):2
           (4,8):3
                      (4,9):3
                                (5,7):-1
                                           (5,8): -3
                                                      (5,9):4
(6,7):2
           (6,8):-1
                     (6,9):-1
```

786. Inequality 786 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):3
           (1,5):2
                      (1,6):1
                                 (1,7):-2
                                            (1,8):0
                                                       (1,9): -2
                      (2,6):1
                                 (2,7):1
(2,4):-2
           (2,5):2
                                            (2,8):2
                                                       (2,9):0
(3,4):0
           (3,5): -2
                      (3,6):2
                                 (3,7): -3
                                            (3,8):1
                                                       (3,9):2
(4,7):3
           (4,8):2
                      (4,9):2
                                 (5,7):-1
                                            (5,8): -2
                                                       (5,9):3
(6,7):2
           (6,8): -1
                      (6,9):-1
```

787. Inequality 787 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):1
                     (1,6):1
                                (1,7):-1
                                           (1,8):1
                                                     (1,9):-1
(2,4):-3
                                (2,7):2
                                           (2,8):3
                                                      (2,9):0
           (2,5):3
                     (2,6):1
(3,4):0
           (3,5): -2
                     (3,6):2
                                (3,7):-2
                                           (3,8):2
                                                      (3,9):0
                                          (5,8):-2
(4,7):3
           (4,8):3
                     (4,9):4
                                (5,7):-4
                                                      (5,9):4
(6,7):2
           (6,8): -3
                     (6,9):1
```

788. Inequality 788 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                      (1,6):2
                                (1,7):-1
                                           (1,8):1
                                                      (1,9):-1
(2,4):-3
                                (2,7):3
                                                      (2,9):0
           (2,5):3
                      (2,6):0
                                           (2,8):3
(3,4):-1
           (3,5): -3
                     (3,6):3
                                (3,7): -3
                                           (3,8):3
                                                      (3,9):1
(4,7):2
           (4,8):3
                     (4,9):2
                                (5,7):-4
                                           (5,8):-1
                                                      (5,9):3
(6,7):3
           (6,8): -3
                     (6,9):1
```

789. Inequality 789 with incidence 32 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):1
           (1,5):2
                      (1,6): -1
                                 (1,7):1
                                            (1,8):0
                                                       (1,9):-1
(2,4):-1
           (2,5):3
                      (2,6):2
                                 (2,7):3
                                            (2,8):3
                                                       (2,9):0
(3,4):0
           (3,5):2
                      (3,6):1
                                 (3,7): -3
                                            (3,8):3
                                                       (3,9):-1
(4,7):1
           (4,8):2
                      (4,9):1
                                 (5,7): -2
                                            (5,8): -3
                                                       (5,9):2
(6,7):0
           (6,8): -1
                      (6,9):-1
```

790. Inequality 790 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):0
                      (1,6):1
                                 (1,7):1
                                            (1,8): -1
                                                       (1,9):2
(2,4):-2
                                                       (2,9):-1
           (2,5):3
                      (2,6): -1
                                 (2,7):4
                                            (2,8):3
                                 (3,7):-3
           (3,5): -3
(3,4):0
                      (3,6):1
                                            (3,8):3
                                                       (3,9):2
                                 (5,7): -3
(4,7):2
           (4,8):1
                      (4,9):2
                                            (5,8):0
                                                       (5,9):3
(6,7):1
           (6,8):0
                      (6,9):0
```

791. Inequality 791 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):0
                      (1,6):1
                                 (1,7):1
                                                       (1,9): -2
(1,4):1
                                            (1,8): -1
(2,4):3
           (2,5):-4
                      (2,6): -1
                                 (2,7):4
                                            (2,8):4
                                                       (2,9):2
                                 (3,7):-3
(3,4):1
           (3,5):4
                      (3,6): -1
                                            (3.8):4
                                                       (3,9):-3
(4,7): -3
           (4,8): -3
                      (4,9):3
                                 (5,7):4
                                            (5,8):0
                                                       (5,9):4
           (6,8):2
                      (6,9):2
(6,7):-1
```

792. Inequality 792 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):2
                                (1,7):-1
(1,4):3
           (1,5):2
                                            (1,8):0
                                                      (1,9): -2
(2,4):-2
           (2,5):4
                     (2,6): -1
                                 (2,7):3
                                            (2,8):3
                                                      (2,9):-1
                      (3,6):1
(3,4):0
           (3,5): -1
                                (3,7):-3
                                            (3,8):3
                                                       (3,9):0
(4,7):3
           (4,8):4
                      (4,9):2
                                (5,7):-3
                                           (5,8):-2
                                                       (5,9):2
                      (6,9):1
(6,7):1
           (6,8): -2
```

793. Inequality 793 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
          (1,5):-1
                     (1,6): -1
                                (1,7):1
                                           (1,8):1
                                                      (1,9):-1
(2,4):1
          (2,5):1
                     (2,6):1
                                (2,7):-1
                                           (2,8):-2
                                                      (2,9):0
(3,4):0
          (3,5):1
                     (3,6):-1
                                (3,7):2
                                           (3,8): -2
                                                      (3,9):2
          (4,8):2
(4,7):0
                                                      (5,9): -2
                     (4,9):2
                                (5,7):1
                                           (5,8):2
(6,7):1
          (6,8):1
                     (6,9):1
```

794. Inequality 794 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):0
                                 (1,7):-1
(1,4):-1
                      (1,6):1
                                            (1,8):1
                                                       (1,9):2
(2,4):-3
                                 (2,7):2
           (2,5):3
                      (2,6): -1
                                            (2,8):3
                                                       (2,9):0
(3,4):-1
                                 (3,7):-2
           (3,5):2
                      (3,6):2
                                            (3,8):3
                                                       (3,9): -2
                                 (5,7):-1
(4,7):1
           (4,8):3
                      (4,9):3
                                            (5,8):-3
                                                       (5,9):3
(6,7):1
           (6,8): -1
                      (6,9):0
```

795. Inequality 795 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5): -1
                      (1,6): -2
                                  (1,7):1
                                             (1,8):1
                                                        (1,9):0
(2,4):-4
                      (2,6): -2
                                 (2,7):5
                                                       (2,9): -2
           (2,5):5
                                            (2,8):4
(3,4):0
           (3,5):4
                      (3,6):2
                                 (3,7):-4
                                            (3,8):4
                                                       (3,9): -2
(4,7):3
           (4,8):3
                      (4,9):3
                                 (5,7):-1
                                            (5,8):-4
                                                        (5,9):5
                      (6,9): -2
(6,7):4
           (6,8):0
```

796. Inequality 796 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                      (1,6):1
                                 (1,7):1
                                            (1,8): -1
                                                       (1,9): -2
(2,4):-4
           (2,5):4
                                 (2,7):4
                                            (2,8):3
                                                       (2,9):0
                      (2,6):-1
(3,4):-3
           (3,5):0
                      (3,6):3
                                 (3,7): -3
                                            (3,8):3
                                                       (3,9):0
                                            (5,8):-2
(4,7):1
           (4,8):5
                      (4,9):4
                                 (5,7):-4
                                                       (5,9):4
           (6,8): -2
                      (6,9):2
(6,7):3
```

797. Inequality 797 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-2
           (1,5): -1
                      (1,6):1
                                 (1,7): -2
                                             (1,8):1
                                                        (1,9):3
                                                        (2,9):0
(2,4):-5
           (2,5):5
                      (2,6): -1
                                 (2,7):4
                                             (2,8):5
(3,4):-1
           (3,5):4
                      (3,6):2
                                 (3,7): -3
                                             (3,8):5
                                                        (3,9): -3
(4,7):2
           (4,8):5
                      (4,9):5
                                 (5,7): -2
                                            (5,8):-5
                                                        (5,9):5
(6,7):1
           (6,8): -1
                      (6,9):0
```

798. Inequality 798 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):1
                      (1,6):1
                                 (1,7):-1
                                            (1,8):1
                                                       (1,9):-1
(2,4):-4
           (2,5):4
                      (2,6): -1
                                 (2,7):4
                                            (2,8):3
                                                       (2,9):0
(3,4):-3
           (3,5):0
                      (3,6):2
                                 (3,7): -3
                                            (3,8):3
                                                       (3,9):1
(4,7):2
           (4,8):5
                      (4,9):5
                                 (5,7): -3
                                            (5,8):-4
                                                       (5,9):4
(6,7):3
           (6,8): -2
                      (6,9):1
```

799. Inequality 799 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-2
           (1,5):0
                      (1,6):1
                                 (1,7):2
                                           (1,8):2
                                                      (1,9):1
(2,4):-2
           (2,5):2
                                 (2,7):2
                     (2,6): -1
                                           (2,8):1
                                                      (2,9):0
                                (3,7):-3
(3,4):-3
           (3,5):1
                      (3,6):2
                                           (3,8):4
                                                      (3,9):1
                                           (5,8):-2
                                                      (5,9):2
(4,7):1
           (4,8):3
                      (4,9):3
                                (5,7):-1
(6,7):1
           (6,8): -2
                      (6,9):1
```

800. Inequality 800 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,8):0
(1,4):0
          (1,5):-1
                     (1,6):1
                                (1,7):1
                                                      (1,9):-1
(2,4):2
          (2,5):3
                     (2,6):1
                                (2,7): -2
                                           (2,8): -2
                                                      (2,9):0
                                (3,7):2
                                                      (3,9):1
(3,4):1
          (3,5):0
                     (3,6): -2
                                           (3,8): -2
(4,7):1
          (4,8):3
                     (4,9):3
                                (5,7):3
                                           (5,8):2
                                                      (5,9): -3
          (6,8):-1
                     (6,9):2
(6,7):1
```

801. Inequality 801 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):1
(1,4):1
           (1,5): -1
                      (1,6): -1
                                            (1,8):0
                                                       (1,9):0
(2,4):-1
                                                       (2,9):-1
           (2,5):2
                      (2,6): -1
                                 (2,7):1
                                            (2,8):2
           (3,5):1
                      (3,6):1
(3,4):0
                                 (3,7):-1
                                            (3,8):1
                                                       (3,9):0
(4,7):0
           (4,8):2
                      (4,9):2
                                            (5,8):-2
                                                       (5,9):2
                                 (5,7):0
           (6,8):1
(6,7):1
                      (6,9): -1
```

802. Inequality 802 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):0
                      (1,6):1
                                 (1,7):-1
                                            (1,8):1
                                                       (1,9):2
(2,4):-4
           (2,5):4
                      (2,6): -1
                                 (2,7):4
                                            (2,8):4
                                                       (2,9):-1
(3,4):0
           (3,5):3
                      (3,6):1
                                (3,7):-3
                                            (3,8):3
                                                       (3,9): -2
                      (4,9):4
(4,7):3
           (4,8):4
                                 (5,7):-1
                                            (5,8):-5
                                                       (5,9):5
                      (6,9): -2
(6,7):2
           (6,8): -1
```

803. Inequality 803 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):0
                                (1,7):1
                                                      (1,9):2
(1,4):-1
                     (1,6): -1
                                            (1,8):1
(2,4):-1
           (2,5):3
                     (2,6):3
                                (2,7):3
                                           (2,8):0
                                                      (2,9): -2
(3,4):0
           (3,5):1
                                (3,7):-1
                                           (3,8):2
                                                      (3,9):-1
                     (3,6): -1
                                           (5,8):-3
(4,7):1
           (4,8):1
                     (4,9):2
                                (5,7): -2
                                                      (5,9):3
(6,7): -2
           (6,8):3
                     (6,9):2
```

804. Inequality 804 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):0
                     (1,6): -4
                                (1,7):3
                                           (1,8):4
                                                      (1,9):4
(2,4):-1
           (2,5):3
                                (2,7):2
                                           (2,8):3
                                                      (2,9): -2
                     (2,6):1
(3,4):-1
           (3,5):0
                     (3,6):2
                                (3,7):-5
                                           (3,8):5
                                                      (3,9):-1
(4,7):0
           (4,8):2
                     (4,9):1
                                (5,7): -3
                                           (5,8):-3
                                                      (5,9):3
(6,7):3
           (6,8):1
                     (6,9):3
```

805. Inequality 805 with incidence 32 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):-2
           (1,5):0
                     (1,6): -1
                                (1,7):1
                                           (1,8):1
                                                      (1,9):1
(2,4):0
           (2,5):2
                                (2,7):1
                                           (2,8):1
                                                      (2,9):-1
                     (2,6): -1
(3,4):-1
           (3,5):1
                     (3,6):1
                                (3,7):-1
                                           (3,8):2
                                                      (3,9):0
(4,7):1
           (4,8):2
                     (4,9):2
                                (5,7):-1
                                           (5,8):-2
                                                      (5,9):2
           (6,8):0
                     (6,9):0
(6,7):1
```

806. Inequality 806 with incidence 32 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,7):1
           (1,5):2
                      (1,6): -1
                                            (1,8):1
                                                       (1,9): -2
(1,4):1
                                            (2,8):2
                                                       (2,9):-1
(2,4):-1
           (2,5):2
                      (2,6): -1
                                 (2,7):1
(3,4):0
           (3,5):3
                      (3,6):3
                                 (3,7):-2
                                            (3,8):4
                                                       (3,9):-4
(4,7):0
           (4,8):4
                      (4,9):4
                                 (5,7):-1
                                            (5,8):-4
                                                       (5,9):4
(6,7):1
           (6,8):-1
                      (6,9):1
```

807. Inequality 807 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):0
           (1,5):2
                      (1,6):2
                                 (1,7):2
                                            (1,8):0
                                                       (1,9): -2
(2,4): -2
           (2,5):2
                      (2,6): -1
                                 (2,7):2
                                            (2,8):1
                                                       (2,9):0
(3,4):-1
           (3,5):-1
                      (3,6):1
                                 (3,7):-1
                                            (3,8):1
                                                       (3,9):1
(4,7):2
           (4,8):2
                      (4,9):3
                                 (5,7): -3
                                            (5,8):-1
                                                       (5,9):3
           (6,8): -1
(6,7):0
                      (6,9):1
```

808. Inequality 808 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):1
                      (1,6):1
                                 (1,7):2
                                            (1,8): -1
                                                       (1,9):0
(2,4):-3
           (2,5):2
                                                      (2,9):2
                      (2,6): -2
                                 (2,7):2
                                            (2,8):3
                                 (3,7):-1
                                                      (3,9):1
(3,4):-1
           (3,5): -1
                      (3,6):1
                                            (3,8):1
           (4,8):2
                                           (5,8):-2
(4,7):2
                      (4,9):3
                                 (5,7):-3
                                                      (5,9):3
(6,7):0
           (6,8):1
                      (6,9):1
```

809. Inequality 809 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):1
                      (1,6):2
                                 (1,7):-1
                                            (1,8):2
                                                       (1,9): -2
(1,4):0
(2,4):-4
           (2,5):4
                      (2,6): -2
                                 (2,7):4
                                            (2,8):3
                                                       (2,9):1
                                 (3,7):-2
(3,4): -2
           (3,5):0
                      (3,6):2
                                            (3.8):4
                                                       (3,9):2
(4,7):2
           (4,8):4
                      (4,9):4
                                 (5,7): -3
                                            (5,8):-4
                                                       (5,9):4
(6,7):2
           (6,8): -3
                      (6,9):1
```

810. Inequality 810 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,9):0
(1,4):-1
           (1,5):1
                      (1,6):1
                                 (1,7):0
                                            (1,8):1
(2,4):-4
                                 (2,7):4
                                                       (2,9):2
           (2,5):2
                      (2,6): -2
                                            (2,8):2
                      (3,6):1
(3,4):-2
           (3,5): -1
                                (3,7):-2
                                            (3,8):2
                                                      (3,9):2
(4,7):2
                      (4,9):5
                                           (5,8):-3
           (4,8):4
                                (5,7):-3
                                                      (5,9):4
(6,7):3
           (6,8): -2
                      (6,9):1
```

811. Inequality 811 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):2
                      (1,6):1
                                 (1,7):-2
                                            (1,8):2
                                                       (1,9): -3
(2,4):-5
           (2,5):4
                      (2,6):1
                                 (2,7):4
                                            (2,8):5
                                                       (2,9):1
(3,4): -2
           (3,5):0
                      (3,6):0
                                 (3,7):-2
                                            (3,8):2
                                                       (3,9):2
(4,7):3
                                 (5,7):-2
           (4,8):3
                      (4,9):5
                                           (5,8):-4
                                                       (5,9):4
           (6,8): -2
(6,7):1
                      (6,9): -1
```

812. Inequality 812 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):2
(1,4):1
           (1,5): -2
                      (1,6):1
                                           (1,8): -3
                                                      (1,9):1
(2,4):-3
                                (2,7):4
                                                      (2,9):-2
           (2,5):4
                     (2,6):2
                                           (2,8):3
(3,4):-1
                                (3,7):-1
           (3,5):-1
                     (3,6):1
                                           (3,8):1
                                                      (3,9):1
(4,7):2
           (4,8):4
                      (4,9):3
                                (5,7): -2
                                           (5,8):-3
                                                      (5,9):4
(6,7):-1
           (6,8):0
                      (6,9):1
```

813. Inequality 813 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,8): \overline{1}
(1,4):1
            (1,5):1
                       (1,6):2
                                 (1,7):-1
                                                         (1,9): -2
(2,4):-2
            (2,5):1
                                             (2,8):2
                       (2,6):1
                                  (2,7):1
                                                         (2,9):1
(3,4):-1
            (3,5):0
                       (3,6):0
                                 (3,7):-1
                                             (3,8):1
                                                         (3,9):1
(4,7):1
            (4,8):2
                       (4,9):3
                                 (5,7): -2
                                             (5,8):-2
                                                         (5,9):2
(6,7):2
           (6,8): -2
                       (6,9):1
```

814. Inequality 814 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):0
                      (1,6): -2
                                 (1,7):0
                                            (1,8): -2
                                                       (1,9):2
(2,4):-2
                                 (2,7):3
                                            (2,8):2
                                                       (2,9):1
           (2,5):1
                      (2,6): -1
(3,4):0
           (3,5):0
                      (3,6):1
                                 (3,7):-2
                                            (3,8):2
                                                       (3,9):1
                                            (5,8): -1
(4,7):2
           (4,8):2
                      (4,9):0
                                 (5,7):-1
                                                       (5,9):1
(6,7):2
           (6,8):-1
                      (6,9):1
```

815. Inequality 815 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):-3
           (1,5): -1
                      (1,6):2
                                            (1,8):-1
                                                       (1,9):3
(1,4):2
(2,4):-4
           (2,5):3
                      (2,6):2
                                 (2,7):2
                                            (2,8):4
                                                       (2,9):1
(3,4):0
           (3,5):3
                      (3,6):0
                                 (3,7): -3
                                            (3,8):3
                                                       (3,9): -3
(4,7):4
           (4,8):4
                      (4,9):2
                                 (5,7):0
                                            (5,8):-3
                                                       (5,9):4
(6,7):2
           (6,8): -1
                      (6,9): -3
```

816. Inequality 816 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):2
                                 (1,7):2
                                             (1,8):1
                                                       (1,9):-1
                      (1,6): -1
(2,4):-1
           (2,5):1
                      (2,6):2
                                 (2,7):3
                                            (2,8):2
                                                        (2,9):1
(3,4):0
           (3,5):1
                      (3,6):1
                                 (3,7): -3
                                            (3,8):3
                                                        (3,9):0
(4,7):2
           (4,8):1
                      (4,9):1
                                 (5,7): -2
                                            (5,8): -2
                                                        (5,9):2
(6,7):0
           (6,8): -1
                      (6,9):-1
```

817. Inequality 817 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):1
                      (1,6):3
                                 (1,7): -3
                                            (1,8):2
                                                       (1,9): -3
(2,4):-3
           (2,5):4
                      (2,6): -1
                                 (2,7):4
                                            (2,8):3
                                                       (2,9):-1
(3,4):-2
           (3,5):0
                                 (3,7):-2
                      (3,6):2
                                            (3,8):4
                                                       (3,9):2
                                 (5,7):-3
(4,7):3
           (4,8):4
                      (4,9):4
                                            (5,8):-4
                                                       (5,9):4
(6,7):3
           (6,8): -3
                      (6,9):0
```

818. Inequality 818 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):3
                      (1,6):1
                                 (1,7):-3
                                            (1,8):0
                                                      (1,9): -2
(1,4):3
(2,4):-3
           (2,5):4
                      (2,6):0
                                 (2,7):4
                                            (2,8):4
                                                       (2,9):-1
                                 (3,7):-4
(3,4):0
           (3,5):-1
                      (3,6):1
                                            (3.8):3
                                                       (3,9):1
(4,7):5
           (4,8):3
                      (4,9):2
                                 (5,7): -2
                                           (5,8): -3
                                                       (5,9):3
(6,7):2
           (6,8): -1
                      (6,9):-1
```

819. Inequality 819 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):2
                                 (1,7):-2
(1,4):3
           (1,5):2
                                            (1,8):1
                                                       (1,9): -2
(2,4):-2
                                            (2,8):2
                                                       (2,9):-2
           (2,5):4
                      (2,6): -2
                                 (2,7):4
                      (3,6):1
(3,4):-1
                                 (3,7):-2
                                            (3,8):3
                                                       (3,9):1
           (3,5):0
(4,7):4
           (4,8):3
                      (4,9):3
                                 (5,7):-2
                                           (5,8):-3
                                                       (5,9):3
(6,7):2
           (6,8): -2
                      (6,9): -1
```

820. Inequality 820 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):0
           (1,5): -1
                      (1,6):1
                                 (1,7):-1
                                            (1,8):-1
                                                       (1,9):2
                                            (2,8):2
(2,4):-2
           (2,5):0
                      (2,6):1
                                 (2,7):1
                                                       (2,9):2
(3,4):1
           (3,5):1
                      (3,6):1
                                 (3,7): -2
                                            (3,8):2
                                                       (3,9):-1
                      (4,9):2
(4,7):2
           (4,8):1
                                 (5,7):-1
                                            (5,8):-1
                                                       (5,9):2
(6,7):1
           (6,8): -1
                      (6,9): -1
```

821. Inequality 821 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):1
(1,4):1
           (1,5):2
                      (1,6): -1
                                            (1,8):1
                                                       (1,9): -2
(2,4):-2
                                 (2,7):2
                                            (2,8):2
           (2,5):1
                      (2,6):0
                                                       (2,9):1
(3,4):0
                                 (3,7):-2
           (3,5):1
                      (3,6):1
                                            (3,8):2
                                                       (3,9):0
(4,7):2
           (4,8):1
                      (4,9):2
                                 (5,7):-1
                                            (5,8):-3
                                                       (5,9):2
(6,7):2
           (6,8): -1
                      (6,9):-1
```

822. Inequality 822 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4): -2
           (1,5):0
                      (1,6): -3
                                  (1,7):3
                                            (1,8):-1
                                                        (1,9):3
(2,4):-2
           (2,5):2
                                 (2,7):3
                                            (2,8):3
                                                       (2,9):-1
                      (2,6):1
(3,4): -2
           (3,5):0
                      (3,6):2
                                 (3,7):-2
                                            (3,8):4
                                                        (3,9):2
(4,7):2
           (4,8):3
                      (4,9):3
                                 (5,7): -2
                                            (5,8): -2
                                                        (5,9):2
(6,7):2
           (6,8): -3
                      (6,9):1
```

823. Inequality 823 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):3
           (1,5):2
                      (1,6):1
                                 (1,7):-2
                                            (1,8): -1
                                                       (1,9):-1
(2,4):-3
                                 (2,7):4
                                            (2,8):4
                                                       (2,9):0
           (2,5):3
                      (2,6):2
(3,4):0
           (3,5): -1
                      (3,6):1
                                 (3,7):-4
                                            (3,8):3
                                                       (3,9):1
(4,7):4
           (4,8):3
                      (4,9):1
                                 (5,7): -2
                                            (5,8): -2
                                                       (5,9):2
           (6,8):-1
                      (6,9):-1
(6,7):0
```

824. Inequality 824 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):2
           (1,5): -1
                      (1,6): -2
                                             (1,8):0
                                                        (1,9):3
(1,4):-2
(2,4):0
                                 (2,7):2
                                             (2,8):2
                                                       (2,9):-1
           (2,5):2
                      (2,6): -1
(3,4):-1
           (3,5):0
                      (3,6):1
                                 (3,7):-2
                                             (3,8):3
                                                        (3,9):1
(4,7):1
           (4,8):2
                      (4,9):2
                                 (5,7):-1
                                            (5,8): -2
                                                        (5,9):2
(6,7):2
           (6,8): -1
                      (6,9):1
```

825. Inequality 825 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):3
                      (1,6):1
                                 (1,7):0
                                            (1,8):2
                                                       (1,9): -2
(2,4):-4
           (2,5):2
                      (2,6):1
                                 (2,7):3
                                            (2,8):4
                                                       (2,9):2
(3,4):0
           (3,5): -1
                      (3,6):1
                                 (3,7):-4
                                            (3,8):3
                                                       (3,9):1
(4,7):3
           (4,8):2
                      (4,9):3
                                 (5,7): -3
                                            (5,8):-4
                                                       (5,9):3
(6,7):1
           (6,8): -1
                      (6,9): -1
```

826. Inequality 826 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):0
                      (1,6): -1
                                 (1,7):2
                                            (1,8): -1
                                                       (1,9):1
(2,4):-3
           (2,5):3
                      (2,6):1
                                 (2,7):2
                                            (2,8):3
                                                       (2,9):0
                                 (3,7):-1
                                                       (3,9):1
(3,4):-1
           (3,5): -2
                      (3,6):1
                                            (3,8):2
(4,7):3
           (4,8):3
                      (4,9):3
                                 (5,7):-4
                                            (5,8):-1
                                                       (5,9):4
(6,7):2
           (6,8): -2
                      (6,9):1
```

827. Inequality 827 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):1
           (1,5):2
                                (1,7):0
                                                     (1,9): -1
(1,4):1
                                           (1,8):1
(2,4):-3
           (2,5):3
                     (2,6):1
                                (2,7):2
                                           (2,8):3
                                                      (2,9):0
                                (3,7):-2
(3,4):-1
           (3,5): -3
                     (3,6):2
                                           (3,8):3
                                                      (3,9):1
(4,7):2
           (4,8):3
                     (4,9):2
                                (5,7):-4
                                          (5,8):-1
                                                      (5,9):3
(6,7):2
           (6,8): -3
                     (6,9):1
```

828. Inequality 828 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):1
(1,4):1
           (1,5):2
                     (1,6): -1
                                           (1,8):1
                                                      (1,9): -2
(2,4):-2
          (2,5):1
                                (2,7):2
                                           (2,8):2
                                                      (2,9):1
                     (2,6):0
          (3,5):1
(3,4):0
                                (3,7):-2
                                           (3,8):2
                                                      (3,9):0
                     (3,6):1
(4,7):1
          (4,8):2
                     (4,9):2
                                                      (5,9):2
                                (5,7): -2
                                           (5,8):-2
           (6,8):1
(6,7):0
                     (6,9): -1
```

829. Inequality 829 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
          (1,5): -2
                     (1,6):3
                                (1,7):-1
                                           (1,8):2
                                                      (1,9): -4
(2,4):2
          (2,5):4
                     (2,6):1
                                (2,7):-4
                                           (2,8):4
                                                      (2,9):1
(3,4):2
          (3,5):0
                     (3,6): -3
                                (3,7):4
                                           (3,8):4
                                                      (3,9):1
(4,7):0
          (4,8): -4
                     (4,9):2
                                (5,7):3
                                           (5,8): -2
                                                      (5,9): -3
(6,7):4
          (6,8):0
                     (6,9):3
```

830. Inequality 830 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):-2
(1,4):0
           (1,5):-1
                      (1,6):2
                                            (1,8):1
                                                       (1,9):2
(2,4):-1
                                 (2,7):2
                                            (2,8):2
           (2,5):2
                      (2,6):1
                                                       (2,9):0
(3,4):0
                                 (3,7):-1
           (3,5):1
                      (3,6):1
                                            (3,8):2
                                                       (3,9):-1
(4,7):2
           (4,8):1
                      (4,9):2
                                 (5,7):-2
                                            (5,8): -2
                                                       (5,9):2
(6,7):1
           (6,8): -2
                      (6,9): -1
```

831. Inequality 831 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-3
           (1,5):1
                      (1,6):1
                                 (1,7):1
                                           (1,8):2
                                                      (1,9): -2
(2,4):-2
           (2,5): -2
                      (2,6): -1
                                 (2,7):3
                                           (2,8):3
                                                      (2,9):1
(3,4):1
           (3,5):0
                      (3,6):1
                                 (3,7):-4
                                           (3,8):3
                                                      (3,9):1
                                           (5,8):1
(4,7):3
           (4,8):3
                      (4,9): -2
                                 (5,7):2
                                                      (5,9):2
                      (6,9):0
(6,7):1
           (6,8):0
```

832. Inequality 832 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):1
                      (1,6):1
                                 (1,7):1
                                            (1,8):0
                                                       (1,9): -2
(2,4):-3
           (2,5):3
                                 (2,7):3
                                            (2,8):2
                                                       (2,9):0
                      (2,6): -1
(3,4):-1
           (3,5):1
                      (3,6):1
                                 (3,7): -2
                                            (3,8):2
                                                       (3,9):-1
                                            (5,8):-2
(4,7):1
           (4,8):3
                      (4,9):3
                                 (5,7): -2
                                                       (5,9):3
           (6,8):-1
                      (6,9):1
(6,7):1
```

833. Inequality 833 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):-1
                                 (1,7):1
                                            (1,8): -2
                                                       (1,9):1
(1,4):1
                      (1,6):2
(2,4):-3
           (2,5):2
                                 (2,7):2
                                                       (2,9):0
                      (2,6): -1
                                            (2,8):2
(3,4): -2
           (3,5):2
                      (3,6):2
                                 (3,7):-1
                                            (3,8):3
                                                       (3,9):0
(4,7):1
           (4,8):4
                      (4,9):3
                                 (5,7):-1
                                            (5,8): -3
                                                       (5,9):3
(6,7):0
           (6,8):0
                      (6,9):-1
```

834. Inequality 834 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                     (1,6):1
                                (1,7):1
                                           (1,8):-1
                                                      (1,9): -2
(2,4):-2
           (2,5):3
                     (2,6): -1
                                (2,7):3
                                            (2,8):2
                                                      (2,9): -1
(3,4):0
           (3,5):1
                     (3,6):1
                                (3,7): -2
                                            (3,8):2
                                                      (3,9): -2
                                                       (5,9):3
(4,7):1
           (4,8):2
                     (4,9):2
                                (5,7): -2
                                           (5,8):-1
(6,7):1
           (6,8):0
                     (6,9):0
```

835. Inequality 835 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):2
                      (1,6):1
                                 (1,7): -2
                                            (1,8):2
                                                       (1,9): -3
(2,4):-5
           (2,5):4
                                                       (2,9):0
                      (2,6): -1
                                 (2,7):4
                                            (2,8):4
(3,4):-3
           (3,5):0
                                 (3,7):-2
                                                       (3,9):3
                      (3,6):2
                                            (3,8):4
                                 (5,7):-2
(4,7):3
           (4,8):4
                      (4,9):5
                                            (5,8):-4
                                                       (5,9):4
(6,7):1
           (6,8): -2
                      (6,9): -1
```

836. Inequality 836 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-2
           (1,5):-1
                      (1,6): -2
                                 (1,7):3
                                                      (1,9):3
                                           (1,8):-1
(2,4):-5
           (2,5):4
                      (2,6):1
                                 (2,7):4
                                            (2,8):4
                                                      (2,9):0
                                (3,7):-3
                                                      (3,9):3
(3,4):-3
           (3,5):-1
                      (3,6):1
                                            (3.8):3
(4,7):3
           (4,8):4
                      (4,9):5
                                (5,7): -3
                                           (5,8): -3
                                                      (5,9):4
(6,7):2
           (6,8):-1
                      (6,9):1
```

837. Inequality 837 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6): \overline{3}
                                  (1,7):-2
(1,4):1
            (1,5):1
                                              (1,8):2
                                                         (1,9):-3
(2,4):-3
                                                         (2,9):0
            (2,5):4
                       (2,6): -1
                                  (2,7):3
                                              (2,8):3
(3,4): -2
            (3,5):0
                                  (3,7):-2
                                              (3,8):4
                                                         (3,9):2
                       (3,6):2
(4,7):2
            (4,8):4
                       (4,9):4
                                  (5,7):-3
                                                         (5,9):4
                                             (5,8):-4
(6,7):2
           (6,8): -3
                       (6,9):1
```

838. Inequality 838 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):0
           (1,5):-1
                      (1,6):-1
                                 (1,7):1
                                            (1,8):-1
                                                       (1,9):2
(2,4):-4
           (2,5):4
                      (2,6):-1
                                 (2,7):4
                                            (2,8):4
                                                       (2,9):1
(3,4):-3
           (3,5):-1
                      (3,6):1
                                (3,7):-3
                                            (3,8):3
                                                      (3,9):3
(4,7):1
           (4,8):4
                      (4,9):4
                                (5,7): -3
                                           (5,8): -3
                                                      (5,9):4
(6,7):2
           (6,8):-1
                      (6,9):2
```

839. Inequality 839 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):0
                                                       (1,9):-1
(1,4):1
           (1,5):2
                      (1,6):1
                                            (1,8):1
(2,4):-3
           (2,5):1
                      (2,6):2
                                 (2,7):1
                                            (2,8):3
                                                       (2,9):2
(3,4):0
                                 (3,7):-1
           (3,5):1
                     (3,6):-1
                                            (3,8):2
                                                      (3,9):-1
(4,7):2
           (4,8):2
                      (4,9):2
                                 (5,7):-1
                                           (5,8):-3
                                                       (5,9):2
(6,7):1
           (6,8): -1
                      (6,9): -2
```

840. Inequality 840 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4): \overline{2}
            (1,5):4
                       (1,6):2
                                  (1,7):2
                                             (1,8): -2
                                                         (1,9):-4
(2,4):-4
            (2,5):5
                       (2,6):0
                                  (2,7):5
                                              (2,8):5
                                                         (2,9):-1
(3,4):-2
           (3,5): -2
                       (3,6):5
                                  (3,7):-5
                                              (3,8):5
                                                         (3,9):-1
(4,7):2
            (4,8):6
                       (4,9):4
                                  (5,7): -7
                                             (5,8):-1
                                                         (5,9):5
(6,7):3
           (6,8): -3
                       (6,9):3
```

841. Inequality 841 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6): -1
(1,4):3
          (1,5): -3
                                (1,7):3
                                           (1,8):1
                                                      (1,9): -3
(2,4):4
          (2,5):3
                                (2,7):-4
                                           (2,8):3
                                                      (2,9):-1
                     (2,6):1
(3,4):0
          (3,5):0
                     (3,6): -1
                                (3,7):2
                                           (3,8):2
                                                      (3,9):1
                                           (5,8):-2
(4,7):1
          (4,8):-4
                     (4,9):4
                                (5,7):5
                                                      (5,9): -3
(6,7):3
          (6,8):2
                     (6,9):2
```

842. Inequality 842 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):-3
           (1,5):1
                      (1,6):4
                                            (1,8):2
                                                       (1,9): -4
(1,4):2
(2,4):-2
           (2,5):4
                      (2,6): -1
                                 (2,7):3
                                            (2,8):3
                                                       (2,9):-1
(3,4): -2
           (3,5):0
                      (3,6):2
                                 (3,7):-2
                                            (3,8):4
                                                       (3,9):2
(4,7):2
           (4,8):4
                      (4,9):4
                                 (5,7): -3
                                            (5,8):-4
                                                       (5,9):4
(6,7):3
           (6,8): -3
                      (6,9):1
```

843. Inequality 843 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):3
           (1,5):2
                      (1,6):1
                                 (1,7): -2
                                             (1,8):0
                                                        (1,9): -2
(2,4): -2
           (2,5):3
                      (2,6):0
                                 (2,7):3
                                             (2,8):3
                                                        (2,9):-1
(3,4):-1
           (3,5): -1
                      (3,6):2
                                 (3,7):-4
                                             (3,8):4
                                                        (3,9):2
(4,7):4
           (4,8):3
                      (4,9):3
                                 (5,7): -2
                                            (5,8): -3
                                                        (5,9):3
(6,7):1
           (6,8): -1
                      (6,9):-1
```

844. Inequality 844 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):0
                      (1,6):2
                                 (1,7):-1
                                            (1,8):1
                                                       (1,9):1
(2,4):-3
           (2,5):3
                      (2,6):0
                                 (2,7):3
                                            (2,8):3
                                                       (2,9):0
                                 (3,7):-2
(3,4):-1
           (3,5):1
                      (3,6):1
                                            (3,8):2
                                                      (3,9):-1
                                 (5,7):-2
(4,7):2
           (4,8):3
                      (4,9):2
                                           (5,8):-3
                                                       (5,9):3
(6,7):2
           (6,8): -2
                      (6,9): -1
```

845. Inequality 845 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):1
           (1,5): -2
                                 (1,7):0
                                            (1,8):1
(1,4): -1
                                                       (1,9):1
(2,4):-2
           (2,5):2
                     (2,6): -1
                                 (2,7):2
                                            (2,8):2
                                                       (2,9):-1
                                 (3,7):-2
                                            (3,8):2
(3,4):0
           (3,5):2
                      (3,6):2
                                                       (3,9):0
(4,7):2
           (4,8):2
                      (4,9):1
                                 (5,7):-1
                                           (5,8):-1
                                                       (5,9):2
           (6,8):0
                      (6,9):-1
(6,7):1
```

846. Inequality 846 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,9):-3
(1,4):2
           (1,5):2
                     (1,6):1
                                (1,7):2
                                           (1,8): -2
(2,4):-4
          (2,5):4
                                                      (2,9):0
                     (2,6):0
                                (2,7):4
                                           (2,8):4
                     (3,6): -1
(3,4):0
          (3,5):2
                                (3,7): -2
                                           (3,8):3
                                                      (3,9): -2
(4,7):2
          (4,8):4
                     (4,9):4
                                           (5,8):-3
                                                      (5,9):4
                                (5,7): -3
(6,7):-1
           (6,8):2
                     (6,9): -1
```

847. Inequality 847 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):1
                     (1,6):3
                                 (1,7):3
                                           (1,8): -1
                                                      (1,9):-3
                                                      (2,9):-1
(2,4):-4
           (2,5):5
                     (2,6): -1
                                (2,7):4
                                            (2,8):5
(3,4):0
           (3,5):3
                     (3,6):0
                                (3,7): -3
                                           (3,8):3
                                                      (3,9): -3
(4,7):4
           (4,8):4
                     (4,9):3
                                (5,7): -2
                                           (5,8):-5
                                                       (5,9):6
(6,7): -2
           (6,8):2
                      (6,9):2
```

848. Inequality 848 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):4
(1,4): -2
           (1,5): -2
                      (1,6): -2
                                             (1,8): -2
                                                        (1,9):4
(2,4):-4
           (2,5):5
                      (2,6):0
                                  (2,7):5
                                             (2,8):5
                                                        (2,9):-1
(3,4): -2
                                 (3,7):-3
           (3,5):0
                       (3,6):3
                                             (3,8):5
                                                        (3,9):3
(4,7):4
           (4,8):4
                       (4,9):4
                                 (5,7): -3
                                             (5,8):-5
                                                        (5,9):5
(6,7):3
           (6,8): -3
                      (6,9): -1
```

849. Inequality 849 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                      (1,6):2
                                 (1,7):2
                                            (1,8):-1
                                                       (1,9): -2
                                 (2,7):1
           (2,5):2
                      (2,6): -1
                                            (2,8):2
                                                       (2,9):-1
(2,4):-1
(3,4):-1
           (3,5): -1
                      (3,6):1
                                 (3,7):-1
                                            (3,8):1
                                                       (3,9):1
(4,7):2
           (4,8):2
                      (4,9):3
                                 (5,7): -3
                                            (5,8):-1
                                                        (5,9):3
(6,7):-1
           (6,8):1
                      (6,9):0
```

850. Inequality 850 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):0
                      (1,6):2
                                 (1,7):2
                                            (1,8): -1
                                                       (1,9): -2
(2,4):2
                                            (2,8):2
                                                       (2,9):-1
           (2,5):-1
                      (2,6): -1
                                 (2,7):1
(3,4):0
           (3,5):0
                      (3,6):1
                                 (3,7):-1
                                            (3,8):1
                                                       (3,9):1
(4,7): -2
           (4,8): -2
                      (4,9):3
                                 (5,7):3
                                            (5,8):1
                                                       (5,9):3
           (6,8):1
                      (6,9):0
(6,7):-1
```

851. Inequality 851 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,9): -3
(1,4):0
           (1,5):2
                      (1,6):3
                                (1,7):-1
                                           (1,8):3
(2,4):-2
                                (2,7):2
                                           (2,8):2
                                                      (2,9):1
           (2,5):1
                      (2,6):0
(3,4):-1
           (3,5): -2
                      (3,6):2
                                (3,7): -3
                                           (3,8):2
                                                      (3,9):2
(4,7):2
           (4,8):3
                      (4,9):2
                                (5,7): -3
                                           (5,8):-1
                                                      (5,9):3
(6,7):3
           (6,8): -3
                      (6,9):1
```

852. Inequality 852 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):2
                                 (1,7): -2
                                             (1,8):2
                                                        (1,9): -4
                      (1,6):4
(2,4):-1
           (2,5):3
                      (2,6): -2
                                  (2,7):3
                                             (2,8):1
                                                       (2,9): -2
(3,4):-1
           (3,5): -2
                      (3,6):0
                                 (3,7):-1
                                             (3,8):2
                                                        (3,9):2
(4,7):3
           (4,8):4
                      (4,9):3
                                 (5,7): -3
                                            (5,8):-1
                                                        (5,9):5
                      (6,9):2
(6,7):4
           (6,8): -4
```

853. Inequality 853 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):4
           (1,5):4
                      (1,6):1
                                 (1,7):-1
                                             (1,8):3
                                                       (1,9): -3
(2,4):-4
           (2,5):4
                      (2,6): -1
                                 (2,7):5
                                             (2,8):3
                                                        (2,9):1
                                 (3,7):-4
(3,4): -2
           (3,5): -1
                      (3,6):3
                                             (3,8):5
                                                        (3,9):3
(4,7):4
           (4,8):2
                      (4,9):4
                                 (5,7):-4
                                            (5,8):-5
                                                        (5,9):2
(6,7):2
           (6,8): -2
                      (6,9): -1
```

854. Inequality 854 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,9): -3
           (1,5):3
                      (1,6): -2
                                 (1,7):0
                                            (1,8):1
(1,4):3
(2,4): -6
           (2,5):3
                      (2,6): -2
                                 (2,7):4
                                            (2,8):4
                                                       (2,9):1
                                 (3,7):-4
(3,4):0
           (3,5):3
                      (3,6):4
                                            (3.8):4
                                                        (3,9):1
(4,7):4
           (4,8):3
                      (4,9):4
                                 (5,7):0
                                            (5,8): -6
                                                        (5,9):3
           (6,8): -2
                      (6,9): -2
(6,7):4
```

855. Inequality 855 with incidence 32 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,6):5
                                 (1,7):3
(1,4):2
           (1,5):0
                                           (1,8): -3
                                                      (1,9):-3
(2,4):-3
                                                      (2,9):1
           (2,5):-4
                      (2,6):2
                                 (2,7):5
                                            (2,8):3
           (3,5):4
(3,4):-3
                      (3,6):2
                                (3,7):-1
                                            (3,8):3
                                                      (3,9): -5
           (4,8):4
                     (4,9):-1
(4,7):1
                                 (5,7):4
                                            (5,8):0
                                                      (5,9):4
           (6,8):1
                      (6,9):4
(6,7):-4
```

856. Inequality 856 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-5
           (1,5):0
                      (1,6): -4
                                 (1,7):5
                                             (1,8):1
                                                        (1,9):5
                      (2,6): -2
(2,4):0
           (2,5):5
                                 (2,7):3
                                            (2,8):3
                                                       (2,9): -3
(3,4): -4
           (3,5):2
                      (3,6):4
                                 (3,7):-4
                                            (3,8):6
                                                       (3,9):0
(4,7):1
           (4,8):5
                      (4,9):5
                                 (5,7): -3
                                            (5,8):-5
                                                        (5,9):5
           (6,8): -2
                      (6,9):2
(6,7):6
```

857. Inequality 857 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):7
(1,4):-7
           (1,5): -2
                      (1,6): -6
                                             (1,8):1
                                                        (1,9):9
(2,4):0
                                                        (2,9):-5
           (2,5):7
                      (2,6): -2
                                 (2,7):5
                                             (2,8):5
                                 (3,7): -6
                                                        (3,9):2
(3,4): -6
           (3,5):2
                      (3,6):6
                                            (3,8):10
                                                        (5,9):7
(4,7):1
           (4,8):7
                      (4,9):7
                                 (5,7): -3
                                            (5,8):-7
(6,7):8
           (6,8): -4
                      (6,9):2
```

858. Inequality 858 with incidence 32 and stabilizer of size 4. Orbit size is 82944 nature: unknown

```
(1,6): \overline{2}
(1,4):5
            (1,5):5
                                  (1,7):2
                                             (1,8): -2
                                                         (1,9): -6
                                              (2,8):5
(2,4):-5
                       (2,6):0
                                  (2,7):5
                                                         (2,9):0
            (2,5):5
(3,4):-2
           (3,5): -2
                       (3,6):6
                                  (3,7):-5
                                             (3,8):5
                                                         (3,9): -2
(4,7):1
           (4,8):7
                       (4,9):4
                                  (5,7): -7
                                             (5,8):-1
                                                         (5,9):4
(6,7):4
           (6,8):-4
                       (6,9):4
```

859. Inequality 859 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):4
           (1,5):3
                      (1,6):2
                                (1,7):2
                                           (1,8):-1
                                                      (1,9): -4
(2,4):-5
                      (2,6):2
                                (2,7):3
                                           (2,8):3
                                                      (2,9):2
           (2,5):1
(3,4):0
           (3,5): -2
                      (3,6):4
                                (3,7): -3
                                           (3,8):3
                                                      (3,9): -2
                                           (5,8):-1
(4,7):1
           (4,8):4
                      (4,9):4
                                (5,7): -3
                                                      (5,9):2
(6,7):0
           (6,8): -2
                      (6,9):2
```

860. Inequality 860 with incidence 32 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,5):3
                      (1,6):1
                                  (1,7):1
                                             (1,8):2
                                                        (1,9): -2
(1,4):1
                                  (2,7):3
                                             (2,8):2
                                                        (2,9):2
(2,4):-3
           (2,5):1
                      (2,6): -1
(3,4):-1
           (3,5): -1
                      (3,6):1
                                 (3,7): -2
                                             (3,8):2
                                                        (3,9):1
(4,7):1
           (4,8):2
                      (4,9):2
                                 (5,7): -3
                                            (5,8):-2
                                                        (5,9):2
(6,7):2
           (6,8): -2
                      (6,9):1
```

861. Inequality 861 with incidence 32 and stabilizer of size 6. Orbit size is 55296 nature: unknown

```
(1,4): -2
           (1,5):-1
                                  (1,7):1
                                             (1,8):1
                                                        (1,9):2
                      (1,6): -1
(2,4):-1
           (2,5):2
                      (2,6): -1
                                  (2,7):2
                                             (2,8):1
                                                       (2,9):-1
(3,4):-1
           (3,5):1
                      (3,6):2
                                 (3,7):-1
                                             (3,8):2
                                                        (3,9):-1
(4,7):1
           (4,8):3
                      (4,9):2
                                 (5,7): -2
                                            (5,8):-1
                                                        (5,9):3
(6,7):3
           (6,8): -2
                      (6,9):1
```

862. Inequality 862 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):3
           (1,5):1
                      (1,6):5
                                 (1,7):2
                                           (1,8): -2
                                                      (1,9): -3
                                (2,7):3
(2,4):-1
           (2,5):-4
                      (2,6):3
                                           (2,8):2
                                                      (2,9):1
                                (3,7):0
                                           (3,8):2
                                                      (3,9):-4
(3,4):-4
           (3,5):4
                      (3,6):2
           (4,8):2
                      (4,9):-1
                                                      (5,9):4
(4,7):1
                                (5,7):3
                                           (5,8):0
(6,7): -3
           (6,8):0
                      (6,9):3
```

863. Inequality 863 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5): -2
                      (1,6): -1
                                  (1,7):2
                                             (1,8):1
(1,4): -2
                                                        (1,9):2
(2,4):-1
           (2,5):3
                      (2,6): -1
                                 (2,7):3
                                             (2,8):2
                                                       (2,9): -2
                                 (3,7):-3
                                                        (3,9):0
(3,4): -2
           (3,5):3
                      (3,6):1
                                             (3.8):3
(4,7):1
           (4,8):2
                      (4,9):2
                                 (5,7):1
                                            (5,8): -2
                                                        (5,9):3
(6,7):2
           (6,8):0
                      (6,9):-1
```

864. Inequality 864 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):2
                                 (1,7):-4
(1,4):6
           (1,5):4
                                            (1,8):0
                                                      (1,9):-4
(2,4):-4
           (2,5):8
                      (2,6): -5
                                 (2,7):8
                                            (2,8):3
                                                       (2,9):-4
           (3,5):3
(3,4):-5
                                 (3,7):-3
                                            (3,8):6
                                                       (3,9):2
                      (3,6):3
(4,7):5
           (4,8):6
                      (4,9):6
                                 (5,7):-1
                                                       (5,9):6
                                           (5,8): -6
(6,7):5
           (6,8): -3
                      (6,9): -2
```

865. Inequality 865 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):0
                      (1,6):4
                                 (1,7):-4
                                            (1,8):2
                                                       (1,9): -4
(2,4):5
           (2,5):3
                      (2,6): -2
                                 (2,7): -3
                                            (2,8): -3
                                                       (2,9):0
(3,4): -3
           (3,5):3
                      (3,6):2
                                 (3,7):-4
                                            (3,8):2
                                                       (3,9):4
(4,7):3
           (4,8):4
                      (4,9):5
                                 (5,7):4
                                            (5,8):1
                                                       (5,9): -3
                      (6,9):2
(6,7):4
           (6,8): -2
```

866. Inequality 866 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):-3
                                            (1,8):4
                                                       (1,9):-1
(1,4):-2
           (1,5):3
                      (1,6):1
(2,4):-1
           (2,5):3
                                            (2,8):2
                      (2,6): -1
                                 (2,7):4
                                                       (2,9): -3
(3,4):-3
                                 (3,7):2
                                                       (3,9):3
           (3,5): -1
                      (3,6):-1
                                            (3,8):2
(4,7):1
           (4,8):3
                      (4,9):2
                                 (5,7):0
                                            (5,8): -2
                                                       (5,9):3
(6,7):2
           (6,8): -1
                      (6,9):0
```

867. Inequality 867 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):3
                      (1,6):1
                                (1,7):1
                                           (1,8): -2
                                                      (1,9):-3
(2,4): -2
           (2,5):3
                      (2,6):0
                                (2,7):3
                                           (2,8):3
                                                      (2,9):-1
(3,4):0
          (3,5):-1
                      (3,6):2
                                (3,7): -3
                                           (3,8):3
                                                      (3,9):-1
(4,7):2
           (4,8):4
                      (4,9):2
                                (5,7):-4
                                           (5,8):0
                                                      (5,9):3
(6,7):1
                      (6,9):2
           (6,8): -2
```

868. Inequality 868 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):3
           (1,5): -3
                      (1,6):1
                                 (1,7):2
                                            (1,8):0
                                                       (1,9): -3
(2,4):3
           (2,5):3
                                 (2,7):-2
                                            (2,8):-3
                                                       (2,9):-1
                      (2,6):0
(3,4):1
           (3,5):-1
                      (3,6): -3
                                 (3,7):3
                                            (3,8): -2
                                                       (3,9):2
(4,7):-1
           (4,8):4
                      (4,9):4
                                 (5,7):5
                                            (5,8):3
                                                       (5,9):-1
           (6,8): -2
                      (6,9):3
(6,7):3
```

869. Inequality 869 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):2
                      (1,6):3
                                 (1,7):2
                                            (1,8):1
                                                       (1,9):-5
(1,4):3
                                                       (2,9):3
(2,4):-4
           (2,5):3
                      (2,6): -2
                                 (2,7):4
                                            (2,8):4
(3,4):-4
           (3,5):0
                      (3,6):5
                                 (3,7):-4
                                            (3,8):4
                                                       (3,9):-1
(4,7): -2
           (4,8):3
                      (4,9):4
                                 (5,7): -2
                                            (5,8):-1
                                                       (5,9):2
(6,7):2
           (6,8): -3
                      (6,9):5
```

870. Inequality 870 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):3
                      (1,6):2
                                 (1,7):1
                                            (1,8):3
                                                       (1,9): -2
(2,4):-1
           (2,5):2
                      (2,6): -3
                                 (2,7):3
                                            (2,8):4
                                                        (2,9):1
(3,4):0
           (3,5): -3
                      (3,6):2
                                 (3,7):-4
                                            (3,8):4
                                                        (3,9):1
(4,7):1
           (4,8):2
                      (4,9):1
                                 (5,7): -3
                                            (5,8): -2
                                                        (5,9):3
           (6,8): -1
                      (6,9):2
(6,7):2
```

871. Inequality 871 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
          (1,5): -2
                     (1,6):0
                                (1,7):1
                                           (1,8):2
                                                      (1,9): -2
(2,4):2
          (2,5):1
                     (2,6): -2
                                (2,7):-1
                                           (2,8):0
                                                      (2,9):0
(3,4):1
          (3,5):0
                                (3,7):2
                                                      (3,9):-1
                     (3,6):1
                                           (3,8):-3
                                           (5,8):2
(4,7):1
          (4,8):1
                                (5,7):2
                                                      (5,9):-1
                     (4,9):2
(6,7):1
          (6,8):2
                     (6,9):2
```

872. Inequality 872 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):2
                      (1,6):2
                                 (1,7):1
                                            (1,8):2
                                                       (1,9):-4
(1,4):1
(2,4):-3
           (2,5):3
                      (2,6): -3
                                 (2,7):3
                                            (2,8):3
                                                       (2,9):3
                                 (3,7):-4
                      (3,6):5
(3,4):-3
           (3,5): -4
                                            (3.8):4
                                                       (3,9):2
(4,7):1
           (4,8):2
                      (4,9):4
                                 (5,7):-4
                                           (5,8): -1
                                                       (5,9):4
(6,7):3
           (6,8): -2
                      (6,9):5
```

873. Inequality 873 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):1
                                 (1,7):2
(1,4):3
           (1,5):4
                                            (1,8):1
                                                      (1,9):-3
(2,4):-3
           (2,5):2
                                                       (2,9):2
                      (2,6):2
                                 (2,7):1
                                            (2,8):4
           (3,5):2
(3,4):-1
                                (3,7):-2
                                            (3,8):3
                                                      (3,9): -2
                      (3,6):0
(4,7):0
           (4,8):3
                      (4,9):2
                                 (5,7):-2
                                                       (5,9):2
                                           (5,8):-4
(6,7):1
           (6,8): -1
                      (6,9): -1
```

874. Inequality 874 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):1
                     (1,6):2
                                (1,7):2
                                           (1,8):0
                                                      (1,9): -2
(2,4):-2
           (2,5):2
                                                      (2,9):0
                     (2,6): -1
                                (2,7):1
                                           (2,8):2
(3,4):-1
           (3,5):2
                     (3,6):2
                                (3,7): -2
                                           (3,8):1
                                                      (3,9): -2
                                (5,7):0
(4,7):1
           (4,8):2
                     (4,9):1
                                           (5,8): -2
                                                      (5,9):3
(6,7):0
           (6,8):1
                     (6,9):2
```

875. Inequality 875 with incidence 32 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):1
                                                     (1,9):1
(1,4):-1
          (1,5):1
                     (1,6): -1
                                           (1,8):1
(2,4):-2
          (2,5):1
                     (2,6):2
                                (2,7):2
                                           (2,8):1
                                                     (2,9):2
          (3,5):0
                               (3,7):-1
                                                     (3,9):1
(3,4):-1
                     (3,6):-1
                                           (3,8):2
(4,7):1
          (4,8):2
                     (4,9):3
                               (5,7):-2
                                          (5,8):-3
                                                     (5,9):3
(6,7):-1
          (6,8):1
                     (6,9):0
```

876. Inequality 876 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4): -\overline{2}
           (1,5):2
                      (1,6):3
                                  (1,7):2
                                              (1,8):1
                                                         (1,9): -2
           (2,5):1
                      (2,6): -3
(2,4):-3
                                  (2,7):4
                                              (2,8):4
                                                         (2,9):1
(3,4):-1
           (3,5):2
                      (3,6): -2
                                  (3,7): -3
                                              (3,8):5
                                                         (3,9):-1
(4,7):2
           (4,8):3
                      (4,9):1
                                  (5,7): -1
                                             (5,8):-2
                                                         (5,9):2
(6,7):0
           (6,8):3
                      (6,9):1
```

877. Inequality 877 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
          (1,5):1
                     (1,6):2
                                (1,7):1
                                           (1,8):0
                                                     (1,9):-1
(2,4):-2
                                (2,7):2
                                          (2,8):2
                                                     (2,9):1
          (2,5):1
                     (2,6): -2
(3,4):0
          (3,5):0
                     (3,6):0
                               (3,7):-1
                                          (3,8):2
                                                     (3,9):-1
(4,7):1
          (4,8):1
                     (4,9):1
                                (5,7):-1
                                          (5,8):0
                                                     (5,9):1
          (6,8):1
                     (6,9):1
(6,7):0
```

878. Inequality 878 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5): -2
                      (1,6):2
                                (1,7):-1
                                           (1,8):-1
                                                      (1,9):1
(2,4):-3
                      (2,6):2
                                (2,7):4
                                                      (2,9):1
           (2,5):1
                                           (2,8):3
(3,4):-2
           (3,5):2
                     (3,6):3
                                (3,7): -3
                                           (3,8):5
                                                      (3,9):-1
(4,7):1
           (4,8):3
                     (4,9):2
                                (5,7):-1
                                           (5,8):-2
                                                      (5,9):2
           (6,8): -2
(6,7):0
                     (6,9):1
```

879. Inequality 879 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):0
                                 (1,7):2
                                            (1,8): -2
                                                       (1,9): -2
                      (1,6):4
(2,4):-3
           (2,5): -3
                      (2,6):2
                                 (2,7):4
                                            (2,8):2
                                                       (2,9):0
(3,4): -2
           (3,5):3
                      (3,6):1
                                 (3,7):-1
                                            (3,8):2
                                                       (3,9): -3
(4,7):1
           (4,8):3
                      (4,9):-1
                                 (5,7):3
                                            (5,8):0
                                                       (5,9):3
(6,7): -3
           (6,8):1
                      (6,9):3
```

880. Inequality 880 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):1
                      (1,6): -2
                                 (1,7):2
                                            (1,8):1
                                                       (1,9):1
(2,4):-1
                                 (2,7):2
                                                       (2,9):-1
           (2,5):2
                      (2,6):1
                                            (2,8):1
           (3,5):-1
                                 (3,7):-2
(3,4):-1
                      (3,6):1
                                            (3,8):2
                                                       (3,9):1
(4,7):2
                      (4,9):2
                                 (5,7): -3
           (4,8):1
                                            (5,8):-1
                                                       (5,9):2
(6,7):1
           (6,8):0
                      (6,9):1
```

881. Inequality 881 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):2
                      (1,6): -2
                                                       (1,9):-1
(1,4):1
                                 (1,7):2
                                            (1,8):2
(2,4):-2
           (2,5):0
                      (2,6): -1
                                 (2,7):1
                                            (2,8):1
                                                       (2,9):1
                                 (3,7):-2
(3,4):-1
           (3,5): -1
                      (3,6):1
                                            (3,8):2
                                                       (3,9):1
(4,7):1
           (4,8):1
                      (4,9):2
                                 (5,7): -2
                                            (5,8):-1
                                                       (5,9):2
(6,7):2
           (6,8):1
                      (6,9):1
```

882. Inequality 882 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):2
                                (1,7):-1
(1,4):1
           (1,5):2
                                            (1,8):1
                                                      (1,9):-1
(2,4):-5
           (2,5):3
                                                       (2,9):2
                     (2,6): -2
                                 (2,7):5
                                            (2,8):3
(3,4):-3
                                (3,7):-3
                                            (3,8):3
                                                       (3,9):2
           (3,5): -2
                      (3,6):3
(4,7):2
           (4,8):5
                      (4,9):4
                                           (5,8):-3
                                                       (5,9):4
                                (5,7):-4
(6,7):5
           (6,8): -3
                      (6,9):1
```

883. Inequality 883 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                      (1,6):1
                                 (1,7):-1
                                            (1,8):0
                                                       (1,9):-1
(2,4):-3
           (2,5):2
                      (2,6): -2
                                 (2,7):3
                                            (2,8):2
                                                       (2,9):2
(3,4): -2
           (3,5):-1
                      (3,6):1
                                 (3,7):-2
                                            (3,8):2
                                                       (3,9):2
(4,7):1
           (4,8):3
                      (4,9):2
                                 (5,7):-1
                                            (5,8):-2
                                                       (5,9):2
(6,7):2
           (6,8): -1
                      (6,9):1
```

884. Inequality 884 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):-1
(1,4):1
           (1,5):2
                      (1,6):2
                                            (1,8):-1
                                                       (1,9): -3
                                            (2,8):2
(2,4):2
           (2,5): -2
                      (2,6):1
                                 (2,7):1
                                                       (2,9):0
(3,4):1
                                 (3,7):-1
                                                       (3,9): -2
           (3,5):2
                      (3,6):-1
                                            (3,8):1
(4,7):-2
           (4,8): -1
                      (4,9):3
                                 (5,7):2
                                            (5,8):1
                                                       (5,9):3
(6,7):1
           (6,8):0
                      (6,9):1
```

885. Inequality 885 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
\overline{(1,7)}:0
(1,4):2
            (1,5):2
                       (1,6):1
                                              (1,8):-1
                                                          (1,9): -2
                                   (2,7):3
(2,4):4
           (2,5): -2
                       (2,6): -1
                                               (2,8):3
                                                          (2,9):-1
(3,4):0
           (3,5):0
                       (3,6):1
                                   (3,7): -3
                                               (3,8):3
                                                          (3,9):-1
(4,7): -3
           (4,8): -2
                       (4,9):3
                                   (5,7):2
                                               (5,8):4
                                                          (5,9):2
(6,7):1
           (6,8): -1
                       (6,9):1
```

886. Inequality 886 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5): -2
                      (1,6):2
                                 (1,7):-1
                                            (1,8): -1
                                                       (1,9):1
(2,4):0
           (2,5):2
                      (2,6):1
                                 (2,7):1
                                            (2,8):1
                                                       (2,9):-1
(3,4):-1
           (3,5):1
                      (3,6):2
                                 (3,7):-1
                                            (3,8):2
                                                       (3,9):1
(4,7):1
           (4,8):1
                      (4,9):2
                                 (5,7):-1
                                            (5,8): -2
                                                       (5,9):2
           (6,8):-1
                      (6,9):-1
(6,7):1
```

887. Inequality 887 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-2
           (1,5):-1
                                 (1,7):1
                                           (1,8):-1
                                                      (1,9):2
                      (1,6):1
(2,4):-5
                                 (2,7):4
                                                      (2,9):3
           (2,5):3
                     (2,6): -3
                                            (2,8):4
(3,4):-3
           (3,5):1
                      (3,6):2
                                (3,7): -2
                                           (3,8):4
                                                      (3,9):2
(4,7):2
           (4,8):3
                      (4,9):5
                                (5,7):-2
                                           (5,8):-4
                                                      (5,9):3
(6,7):1
           (6,8):0
                      (6,9):1
```

888. Inequality 888 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5): -2
                                 (1,7):0
                                            (1,8):1
                                                      (1,9):1
                      (1,6):1
(2,4):-1
           (2,5):1
                      (2,6): -1
                                 (2,7):2
                                            (2,8):2
                                                      (2,9): -1
(3,4):0
           (3,5):1
                      (3,6):2
                                 (3,7):-2
                                            (3,8):2
                                                      (3,9):1
(4,7):2
           (4,8):1
                      (4,9):1
                                 (5,7):-1
                                            (5,8):0
                                                      (5,9):1
                     (6,9): -1
(6,7):1
           (6,8):0
```

889. Inequality 889 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                      (1,6):3
                                 (1,7):-1
                                            (1,8): -2
                                                       (1,9): -3
(2,4):3
           (2,5): -3
                      (2,6):1
                                 (2,7):3
                                            (2,8):3
                                                       (2,9):-1
           (3,5):2
                                 (3,7):-3
(3,4):1
                      (3,6): -2
                                            (3,8):3
                                                       (3,9):-1
                                            (5,8):2
(4,7): -2
           (4,8): -2
                      (4,9):3
                                 (5,7):3
                                                       (5,9):2
(6,7):0
           (6,8):2
                      (6,9):2
```

890. Inequality 890 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5): -2
                               (1,7):-1
                                                     (1,9):1
(1,4):-1
                     (1,6):2
                                           (1,8):1
(2,4): -6
           (2,5):3
                     (2,6):0
                               (2,7):6
                                          (2,8):6
                                                     (2,9):3
                               (3,7):-4
                                                     (3,9):2
(3,4):-4
           (3,5):2
                     (3,6):2
                                          (3.8):6
(4,7):1
           (4,8):5
                     (4,9):5
                               (5,7):-2
                                          (5,8):-4
                                                     (5,9):3
(6,7):2
          (6,8): -4
                     (6,9):2
```

891. Inequality 891 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5): -2
                      (1,6):2
                                (1,7):-1
                                           (1,8):1
                                                      (1,9):1
(2,4):-5
                                 (2,7):5
                                                      (2,9):3
           (2,5):2
                     (2,6):-1
                                           (2,8):4
                      (3,6):2
(3,4):-3
           (3,5):2
                                (3,7):-3
                                           (3,8):5
                                                      (3,9):1
                      (4,9):4
(4,7):1
           (4,8):4
                                (5,7):-2
                                           (5,8):-3
                                                      (5,9):3
(6,7):2
                      (6,9):2
           (6,8): -3
```

892. Inequality 892 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
          (1,5): -2
                     (1,6): -2
                                (1,7):2
                                            (1,8):2
                                                      (1,9):-1
(2,4):2
          (2,5):0
                     (2,6):1
                                (2,7):-1
                                           (2,8):-1
                                                      (2,9):-1
(3,4):1
          (3,5):1
                     (3,6): -1
                                (3,7):2
                                           (3,8): -2
                                                      (3,9):1
(4,7):0
                                                      (5,9): -2
          (4,8):2
                     (4,9):2
                                (5,7):1
                                           (5,8):2
(6,7):2
          (6,8):1
                     (6,9):1
```

893. Inequality 893 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):1
(1,4):2
           (1,5):2
                      (1,6):1
                                            (1,8):0
                                                       (1,9): -2
(2,4):-3
           (2,5):3
                      (2,6): -1
                                 (2,7):3
                                            (2,8):3
                                                       (2,9):1
(3,4): -2
                                 (3,7):-3
           (3,5):-1
                      (3,6):3
                                            (3,8):3
                                                       (3,9):0
(4,7):0
           (4,8):4
                      (4,9):3
                                 (5,7):-4
                                            (5,8): -2
                                                       (5,9):2
(6,7):3
           (6,8): -2
                      (6,9):2
```

894. Inequality 894 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):3
                      (1,6): -2
                                 (1,7):2
                                             (1,8):1
                                                       (1,9):-3
           (2,5):2
                                 (2,7):2
                                            (2,8):2
                                                        (2,9):1
(2,4): -2
                      (2,6):1
(3,4):1
           (3,5):2
                      (3,6):2
                                 (3,7): -2
                                            (3,8):3
                                                       (3,9): -2
(4,7):1
           (4,8):2
                      (4,9):3
                                 (5,7): -2
                                            (5,8):-3
                                                        (5,9):2
(6,7):1
           (6,8): -1
                      (6,9):-1
```

895. Inequality 895 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):2
                      (1,6):2
                                 (1,7):-1
                                            (1,8):0
                                                       (1,9): -3
(2,4):-1
           (2,5):3
                                 (2,7):3
                                            (2,8):3
                                                       (2,9):-1
                      (2,6):-1
(3,4): -2
           (3,5):-1
                      (3,6):2
                                 (3,7): -3
                                            (3,8):3
                                                       (3,9):1
(4,7):1
           (4,8):2
                      (4,9):2
                                 (5,7): -2
                                            (5,8): -2
                                                       (5,9):2
           (6,8):0
                      (6,9):1
(6,7):2
```

896. Inequality 896 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):3
                      (1,6):2
                                  (1,7):1
                                             (1,8):-1
                                                        (1,9): -3
(1,4):2
                                                        (2,9):-2
(2,4):-2
           (2,5):5
                      (2,6): -1
                                  (2,7):4
                                             (2,8):4
(3,4): -2
           (3,5):1
                      (3,6):3
                                 (3,7):-4
                                             (3,8):4
                                                        (3,9): -2
(4,7):0
           (4,8):4
                      (4,9):2
                                 (5,7): -3
                                            (5,8): -2
                                                        (5,9):4
(6,7):2
           (6,8):-1
                      (6,9):1
```

897. Inequality 897 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):2
                     (1,6):2
                                (1,7):0
                                           (1,8):0
                                                     (1,9): -2
(2,4):-4
           (2,5):2
                     (2,6):1
                                (2,7):3
                                          (2,8):3
                                                     (2,9):1
                                                     (3,9):-1
(3,4):0
          (3,5): -2
                     (3,6):3
                                (3,7): -3
                                          (3,8):3
(4,7):2
                                                     (5,9):2
          (4,8):3
                     (4,9):3
                                (5,7):-4
                                          (5,8):0
(6,7):2
          (6,8): -3
                     (6,9):1
```

898. Inequality 898 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-2
          (1,5): -1
                     (1,6):1
                                (1,7):1
                                           (1,8):1
                                                      (1,9):2
                                                     (2,9):-2
                                (2,7):2
(2,4):0
           (2,5):3
                     (2,6):2
                                           (2,8):1
                     (3,6):2
                               (3,7):-3
                                                     (3,9):1
(3,4):1
          (3,5): -2
                                           (3,8):1
(4,7):2
                                                      (5,9):3
                     (4,9):2
                                          (5,8):-1
           (4,8):1
                               (5,7): -2
          (6,8):-1
                     (6,9):0
(6,7):0
```

899. Inequality 899 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):2
                                 (1,7):1
                                                       (1,9):0
(1,4):1
                      (1,6):3
                                            (1,8):-1
(2,4):-2
           (2,5):2
                      (2,6): -1
                                 (2,7):2
                                            (2,8):3
                                                      (2,9):0
                                                      (3,9):1
(3,4):-1
           (3,5): -2
                      (3,6):2
                                (3,7):-2
                                            (3,8):2
(4,7):1
           (4,8):2
                      (4,9):1
                                (5,7): -2
                                           (5,8):-1
                                                      (5,9):1
(6,7):0
           (6,8):1
                      (6,9):-1
```

900. Inequality 900 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):2
                                (1,7):0
                                                     (1,9):-3
(1,4):2
           (1,5):2
                                           (1,8):1
(2,4):-3
                                (2,7):3
                                           (2,8):3
                                                      (2,9):1
           (2,5):0
                     (2,6):2
                     (3,6):1
(3,4):-1
           (3,5):-1
                                (3,7): -3
                                           (3,8):3
                                                      (3,9):1
(4,7):2
           (4,8):2
                     (4,9):2
                                                      (5,9):2
                                (5,7): -2
                                          (5,8):-1
(6,7):0
                     (6,9):1
           (6,8): -2
```

901. Inequality 901 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):3
                     (1,6):1
                                (1,7):1
                                           (1,8):1
                                                     (1,9): -2
                                                      (2,9):0
(2,4):-4
           (2,5):3
                     (2,6):1
                                (2,7):3
                                           (2,8):3
(3,4):0
          (3,5): -3
                     (3,6):3
                                (3,7): -3
                                           (3,8):3
                                                      (3,9):0
(4,7):2
                                                      (5,9):2
           (4,8):2
                     (4,9):2
                                (5,7):-4
                                          (5,8):-1
           (6,8): -2
                     (6,9):2
(6,7):1
```

902. Inequality 902 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):0
                                           (1,8):0
                                                      (1,9):-1
(1,4):1
           (1,5):2
                      (1,6):2
(2,4):-1
                                           (2,8):2
           (2,5):3
                     (2,6): -1
                                 (2,7):2
                                                      (2,9):-1
(3,4):0
          (3,5): -2
                                (3,7):-2
                      (3,6):1
                                           (3,8):2
                                                      (3,9):1
                                (5,7):-2
(4,7):2
           (4,8):1
                      (4,9):1
                                           (5,8):-1
                                                      (5,9):2
(6,7):0
           (6,8):0
                      (6,9):0
```

903. Inequality 903 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):3
           (1,5):2
                     (1,6):2
                                (1,7):1
                                           (1,8):-1
                                                      (1,9):-3
(2,4):-4
           (2,5):2
                     (2,6):4
                                (2,7):4
                                           (2,8):5
                                                      (2,9):3
(3,4):0
           (3,5):2
                     (3,6): -2
                                (3,7):-2
                                           (3,8):4
                                                      (3,9): -2
(4,7):1
           (4,8):3
                     (4,9):3
                                (5,7): -2
                                           (5,8):-3
                                                      (5,9):3
(6,7):-2
           (6,8):0
                     (6,9): -2
```

904. Inequality 904 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
          (1,5): -1
                     (1,6):2
                                (1,7):-1
                                           (1,8):1
                                                      (1,9): -2
(2,4):3
          (2,5):4
                                (2,7): -3
                                           (2,8):3
                                                      (2,9):0
                     (2,6):1
(3,4):3
          (3,5):1
                     (3,6): -3
                                (3,7):3
                                           (3,8):4
                                                      (3,9):0
                                                      (5,9):-3
(4,7):0
          (4,8):-4
                     (4,9):3
                                (5,7):2
                                           (5,8):-3
(6,7):3
          (6,8):1
                     (6,9):2
```

905. Inequality 905 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):2
                     (1,6):2
                                (1,7):-1
                                           (1,8):-1
                                                      (1,9):-1
(1,4):1
           (2,5):3
                                (2,7):1
                                                      (2,9):-1
(2,4):-1
                     (2,6): -2
                                           (2,8):2
(3,4): -2
           (3,5):1
                     (3,6):1
                                (3,7):-1
                                           (3,8):2
                                                      (3,9):1
(4,7):0
           (4,8):2
                     (4,9):2
                                (5,7):0
                                           (5,8):-2
                                                      (5,9):2
(6,7):1
           (6,8):1
                     (6,9):-1
```

906. Inequality 906 with incidence 31 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):-3
           (1,5):-1
                                  (1,7):2
                                             (1,8):1
                                                        (1,9):4
                      (1,6): -3
(2,4):-1
           (2,5):4
                      (2,6): -1
                                 (2,7):3
                                            (2,8):3
                                                       (2,9): -2
(3,4):-3
           (3,5):1
                      (3,6):3
                                 (3,7): -3
                                            (3,8):4
                                                        (3,9):0
(4,7):0
           (4,8):4
                      (4,9):3
                                 (5,7):-2
                                            (5,8): -3
                                                        (5,9):3
           (6,8): -1
                      (6,9):2
(6,7):4
```

907. Inequality 907 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):0
                      (1,6):2
                                 (1,7): -2
                                            (1,8):2
                                                       (1,9):1
(2,4):-1
                                 (2,7):2
                                            (2,8):2
                                                       (2,9):-1
           (2,5):3
                      (2,6):1
(3,4):-1
           (3,5):-1
                                 (3,7):-1
                                                       (3,9):1
                      (3,6):1
                                            (3,8):1
(4,7):3
                                 (5,7): -3
           (4,8):1
                      (4,9):3
                                            (5,8): -2
                                                       (5,9):3
(6,7):1
           (6,8): -2
                      (6,9):-1
```

908. Inequality 908 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):0
                                                       (1,9):1
(1,4):1
                      (1,6):0
                                 (1,7):-1
                                           (1,8):-1
(2,4):-4
           (2,5):2
                      (2,6): -2
                                 (2,7):4
                                            (2,8):2
                                                      (2,9):2
(3,4):-2
           (3,5):0
                      (3,6):2
                                (3,7):-2
                                            (3.8):3
                                                      (3,9):1
(4,7):2
           (4,8):4
                      (4,9):3
                                (5,7): -2
                                           (5,8): -2
                                                      (5,9):2
(6,7):3
           (6,8): -2
                      (6,9):1
```

909. Inequality 909 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
                      (1,6):1
                                 (1,7):1
           (1,5):1
                                            (1,8):2
                                                       (1,9): -2
           (2,5):1
                                                       (2,9):3
(2,4):-4
                      (2,6): -3
                                 (2,7):4
                                            (2,8):1
                      (3,6):2
(3,4): -2
           (3,5): -1
                                 (3,7):-2
                                            (3,8):3
                                                       (3,9):2
(4,7):2
           (4,8):4
                      (4,9):3
                                 (5,7):-2
                                                       (5,9):2
                                            (5,8):-1
(6,7):3
           (6,8): -3
                      (6,9):2
```

910. Inequality 910 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
          (1,5):-1
                      (1,6):1
                                (1,7):-1
                                           (1,8):1
                                                     (1,9):1
                                                     (2,9):0
(2,4):-1
           (2,5):2
                      (2,6):1
                                 (2,7):1
                                           (2,8):1
(3,4):0
          (3,5):-1
                      (3,6):1
                                (3,7):-1
                                           (3,8):1
                                                     (3,9):0
(4,7):2
                                                     (5,9):2
           (4,8):0
                      (4,9):2
                                (5,7): -2
                                           (5,8):0
(6,7):1
          (6,8): -1
                     (6,9):-1
```

911. Inequality 911 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):0
                                 (1,7):1
(1,4):1
                      (1,6):2
                                            (1,8):-1
                                                      (1,9):-1
(2,4):-2
                                            (2,8):2
           (2,5): -2
                      (2,6):1
                                 (2,7):2
                                                       (2,9):1
(3,4):-1
                                 (3,7):-2
           (3,5):2
                      (3,6):2
                                            (3,8):2
                                                      (3,9):-1
(4,7):1
           (4,8):2
                      (4,9):-1
                                 (5,7):2
                                            (5,8):0
                                                       (5,9):2
(6,7):0
           (6,8): -1
                      (6,9):0
```

912. Inequality 912 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):1
                      (1,6):4
                                 (1,7):3
                                            (1,8): -3
                                                       (1,9):-4
                      (2,6):2
                                 (2,7):5
           (2,5): -6
                                                       (2,9):2
(2,4):-3
                                            (2,8):4
(3,4):-1
           (3,5):5
                      (3,6):2
                                 (3,7): -3
                                            (3,8):3
                                                       (3,9): -4
(4,7):2
           (4,8):3
                      (4,9): -2
                                 (5,7):5
                                            (5,8):1
                                                       (5,9):6
                      (6,9):2
(6,7): -2
           (6,8):0
```

913. Inequality 913 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):0
                      (1,6):3
                                 (1,7):2
                                            (1,8): -2
                                                       (1,9): -2
(2,4):-2
           (2,5): -3
                                 (2,7):3
                                            (2,8):2
                                                       (2,9):1
                      (2,6):1
(3,4):-1
           (3,5):3
                      (3,6):2
                                 (3,7): -2
                                            (3,8):2
                                                       (3,9): -2
(4,7):1
           (4,8):2
                      (4,9):-1
                                 (5,7):3
                                            (5,8):0
                                                       (5,9):3
           (6,8):0
                      (6,9):1
(6,7):-1
```

914. Inequality 914 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,9): -3
           (1,5):1
                                 (1,7):1
                                            (1,8):3
(1,4):-2
                      (1,6):2
(2,4):-4
           (2,5):2
                                 (2,7):4
                                            (2,8):2
                                                      (2,9):2
                      (2,6): -2
(3,4):-1
           (3,5): -3
                      (3,6):1
                                 (3,7): -3
                                            (3,8):3
                                                      (3,9):3
(4,7):3
           (4,8):4
                      (4,9):2
                                 (5,7):-3
                                            (5,8):0
                                                      (5,9):3
(6,7):2
           (6,8): -2
                      (6,9):3
```

915. Inequality 915 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):1
                                 (1,7):2
                                            (1,8): -2
                                                       (1,9): -3
                      (1,6):4
(2,4):-3
           (2,5): -4
                      (2,6):3
                                 (2,7):5
                                            (2,8):3
                                                       (2,9):0
(3,4):-1
           (3,5):3
                      (3,6):1
                                 (3,7):-2
                                            (3,8):2
                                                       (3,9): -3
(4,7):1
           (4,8):2
                      (4,9):-1
                                 (5,7):3
                                            (5,8):1
                                                       (5,9):4
(6,7): -3
           (6,8):0
                      (6,9):3
```

916. Inequality 916 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):1
                      (1,6):1
                                 (1,7):1
                                           (1,8):2
                                                      (1,9): -2
(2,4):-3
           (2,5):2
                                 (2,7):3
                                           (2,8):2
                      (2,6): -1
                                                      (2,9):1
                                (3,7):-3
                                                      (3,9):2
(3,4):-1
           (3,5): -3
                      (3,6):2
                                           (3,8):3
                      (4,9):2
(4,7):2
                                                      (5,9):3
           (4,8):3
                                (5,7):-3
                                           (5,8):0
(6,7):2
           (6,8): -2
                      (6,9):2
```

917. Inequality 917 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):0
                    (1,6):2
                               (1,7):-1
                                         (1,8):-1
                                                    (1,9):-1
(1,4):1
(2,4):-2
          (2,5):1
                    (2,6):0
                               (2,7):2
                                          (2,8):2
                                                     (2,9):1
                              (3,7):-2
(3,4):-1
          (3,5):0
                    (3,6):2
                                          (3,8):2
                                                    (3,9):-1
(4,7):1
          (4,8):2
                    (4,9):1
                              (5,7): -2
                                         (5,8):-1
                                                     (5,9):2
(6,7):2
          (6,8):0
                    (6,9):2
```

918. Inequality 918 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5): \overline{0}
                      (1,6):2
                                  (1,7):1
                                                        (1,9):1
(1,4):1
                                             (1,8): -1
           (2,5):2
                                                        (2,9):1
(2,4):-3
                      (2,6):2
                                  (2,7):3
                                             (2,8):1
(3,4):-1
           (3,5):0
                                 (3,7):-1
                                             (3,8):2
                                                        (3,9):1
                      (3,6):-1
           (4,8):2
                      (4,9):2
                                 (5,7):-2
                                                        (5,9):2
(4,7):1
                                             (5,8):-2
(6,7): -2
           (6,8):2
                      (6,9): -1
```

919. Inequality 919 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):1
                      (1,6):2
                                (1,7):-1
                                           (1,8):1
                                                      (1,9):1
(2,4):-2
                                           (2,8):2
                                                      (2,9):2
           (2,5): -3
                      (2,6):2
                                 (2,7):3
(3,4):-1
           (3,5):2
                      (3,6):1
                                (3,7):-2
                                           (3,8):2
                                                     (3,9): -2
                     (4,9):-3
(4,7):3
           (4,8):1
                                 (5,7):3
                                           (5,8):0
                                                      (5,9):3
           (6,8): -2
(6,7):0
                     (6,9):-1
```

920. Inequality 920 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):-2
                                                      (1,9):0
(1,4):1
           (1,5):-1
                     (1,6):1
                                           (1,8):1
(2,4):-3
           (2,5):1
                     (2,6):1
                                (2,7):2
                                           (2,8):2
                                                      (2,9):1
(3,4):0
                                (3,7):-1
                                           (3,8):2
                                                     (3,9):-2
           (3,5):1
                     (3,6):2
                                                      (5,9):3
(4,7):3
           (4,8):2
                     (4,9):3
                               (5,7):-3
                                          (5,8):-1
(6,7):1
           (6,8): -2
                     (6,9):1
```

921. Inequality 921 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):1
                      (1,6):3
                                 (1,7):-1
                                            (1,8):2
                                                       (1,9): -2
           (2,5):4
                                 (2,7):5
(2,4):-5
                      (2,6): -3
                                            (2,8):3
                                                       (2,9):2
(3,4): -2
           (3,5):0
                      (3,6):2
                                 (3,7):-2
                                            (3,8):4
                                                       (3,9):2
(4,7):2
           (4,8):4
                      (4,9):4
                                 (5,7): -3
                                            (5,8):-4
                                                       (5,9):4
                      (6,9):2
(6,7):3
           (6,8): -3
```

922. Inequality 922 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):0
                      (1,6): -2
                                 (1,7):1
                                            (1,8):-1
                                                       (1,9):1
(2,4):-4
                                 (2,7):4
                                            (2,8):2
                                                       (2,9):2
           (2,5):2
                      (2,6): -2
(3,4):-1
           (3,5):0
                      (3,6):1
                                 (3,7):-1
                                            (3,8):2
                                                       (3,9):1
(4,7):2
           (4,8):3
                      (4,9):3
                                 (5,7): -3
                                            (5,8): -2
                                                       (5,9):3
(6,7):3
           (6,8):-2
                      (6,9):2
```

923. Inequality 923 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):-1
                      (1,6): -2
                                 (1,7):1
                                            (1,8):-1
                                                       (1,9):2
(1,4):1
                                 (2,7):5
                                                       (2,9):2
(2,4):-5
           (2,5):4
                      (2,6): -2
                                            (2,8):4
(3,4):-3
           (3,5):-1
                      (3,6):1
                                 (3,7): -3
                                            (3,8):3
                                                       (3,9):3
(4,7):1
           (4,8):4
                      (4,9):4
                                 (5,7):-3
                                            (5,8): -3
                                                       (5,9):4
(6,7):3
           (6,8):-1
                      (6,9):3
```

924. Inequality 924 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):2
                                 (1,7):1
                                            (1,8):-1
                                                       (1,9):0
                      (1,6):1
(2,4):-3
           (2,5):2
                      (2,6): -1
                                 (2,7):3
                                            (2,8):2
                                                       (2,9):1
(3,4):-2
           (3,5):-1
                      (3,6):2
                                 (3,7):-2
                                            (3,8):2
                                                       (3,9):1
(4,7):1
           (4,8):2
                      (4,9):3
                                (5,7): -3
                                            (5,8):0
                                                      (5,9):2
(6,7):2
           (6,8):-1
                      (6,9):1
```

925. Inequality 925 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
          (1,5): -1
                      (1,6):1
                                 (1,7):2
                                            (1,8):1
                                                       (1,9): -2
(2,4):3
                                                       (2,9):-1
           (2,5):2
                      (2,6):2
                                 (2,7):-1
                                            (2,8):-3
           (3,5):2
                                                       (3,9):2
(3,4):2
                     (3,6): -2
                                 (3,7):2
                                            (3,8): -2
                      (4,9):2
           (4,8):3
                                            (5,8):2
                                                       (5,9): -3
(4,7):1
                                 (5,7):0
(6,7):0
           (6,8):1
                      (6,9):2
```

926. Inequality 926 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-2
          (1,5):-1
                     (1,6):2
                                                     (1,9):-3
                                (1,7):3
                                           (1,8):1
(2,4):4
           (2,5):3
                     (2,6):2
                                (2,7):-2
                                           (2,8):-4
                                                     (2,9):-1
(3,4):2
           (3,5):3
                     (3,6): -2
                                (3,7):3
                                          (3,8):-3
                                                      (3,9):3
(4,7):2
           (4,8):4
                     (4,9):2
                                (5,7):0
                                           (5,8):3
                                                     (5,9):-4
(6,7):0
           (6,8):1
                     (6,9):3
```

927. Inequality 927 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,9): -2
(1,4):1
           (1,5):2
                      (1,6):2
                                (1,7):-2
                                           (1,8):1
(2,4):-1
          (2,5): -3
                                (2,7):2
                                                      (2,9):0
                      (2,6):2
                                           (2,8):2
(3,4):0
                     (3,6):-1
                                (3,7):-1
                                           (3,8):1
                                                      (3,9):1
           (3,5):0
(4,7):2
           (4,8):0
                     (4,9): -2
                                                      (5,9):3
                                 (5,7):3
                                           (5,8):1
(6,7):0
          (6,8):-1
                     (6,9):2
```

928. Inequality 928 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):1
                     (1,6):2
                                (1,7):2
                                           (1,8):-1
                                                      (1,9):1
(2,4):-2
                                           (2,8):2
                                                      (2,9):0
           (2,5):1
                     (2,6): -1
                                (2,7):2
(3,4):-1
           (3,5):1
                     (3,6): -1
                                (3,7):-1
                                           (3,8):2
                                                      (3,9):0
           (4,8):2
                     (4,9):2
                                (5,7): -2
                                                      (5,9):2
(4,7):2
                                           (5,8):-1
           (6,8):2
(6,7):-1
                     (6,9):-1
```

929. Inequality 929 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):0
                                 (1,7):2
(1,4):1
                      (1,6):2
                                            (1,8): -2
                                                       (1,9):-1
(2,4):-2
                                            (2,8):2
           (2,5): -3
                      (2,6):1
                                 (2,7):3
                                                       (2,9):1
(3,4):-1
                                 (3,7):-1
           (3,5):2
                      (3,6):1
                                            (3,8):1
                                                       (3,9): -2
(4,7):1
           (4,8):3
                      (4,9): -2
                                 (5,7):3
                                            (5,8):1
                                                       (5,9):3
(6,7):-2
                      (6,9):1
           (6,8):1
```

930. Inequality 930 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):1
                      (1,6):2
                                 (1,7):2
                                            (1,8): -2
                                                       (1,9):2
(2,4):-3
                      (2,6): -1
                                 (2,7):2
                                            (2,8):2
                                                       (2,9):1
           (2,5):1
(3,4):-1
           (3,5):-1
                      (3,6):1
                                 (3,7):-1
                                            (3,8):1
                                                       (3,9):1
(4,7):2
           (4,8):2
                      (4,9):3
                                 (5,7):-3
                                            (5,8):0
                                                       (5,9):2
(6,7):0
                      (6,9):-1
           (6,8):1
```

931. Inequality 931 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):1
                     (1,6): -1
                                 (1,7):1
                                            (1,8):1
                                                      (1,9):-1
(2,4):-2
           (2,5):1
                                (2,7):3
                                            (2,8):2
                                                       (2,9):1
                     (2,6): -1
(3,4):-1
           (3,5):0
                     (3,6):0
                                (3,7): -3
                                            (3,8):3
                                                       (3,9):1
           (4,8):1
                     (4,9):2
(4,7):1
                                (5,7): -2
                                           (5,8): -2
                                                       (5,9):2
(6,7):2
           (6,8):1
                     (6,9):1
```

932. Inequality 932 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):2
                      (1,6): -1
                                 (1,7):1
                                            (1,8):1
                                                       (1,9): -2
(1,4):1
                                 (2,7):3
                                                       (2,9):3
(2,4):-3
           (2,5):0
                      (2,6): -2
                                            (2,8):1
(3,4): -2
           (3,5):1
                      (3,6):2
                                 (3,7):-2
                                            (3,8):3
                                                        (3,9):0
(4,7):1
           (4,8):2
                      (4,9):3
                                 (5,7): -2
                                            (5,8):-2
                                                        (5,9):3
(6,7):3
           (6,8):-1
                      (6,9):1
```

933. Inequality 933 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):1
                      (1,6):2
                                 (1,7):-1
                                            (1,8):2
                                                       (1,9):-1
(2,4):-3
           (2,5):3
                      (2,6): -2
                                 (2,7):3
                                            (2,8):2
                                                       (2,9):1
(3,4):-1
           (3,5):0
                      (3,6):1
                                 (3,7):-1
                                            (3,8):2
                                                       (3,9):1
(4,7):1
           (4,8):3
                      (4,9):3
                                 (5,7): -2
                                            (5,8): -3
                                                       (5,9):3
(6,7):2
           (6,8): -2
                      (6,9):1
```

934. Inequality 934 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):0
                     (1,6): -1
                                (1,7):1
                                           (1,8):0
                                                      (1,9):1
          (2,5):1
                                (2,7):1
                                                      (2,9):0
(2,4):2
                     (2,6): -1
                                           (2,8):-1
          (3,5):1
                                (3,7):-1
                                                      (3,9):0
(3,4):1
                     (3,6):1
                                           (3,8): -2
                                           (5,8):2
          (4,8):2
                     (4,9):2
                                (5,7):0
                                                      (5,9): -2
(4,7):0
(6,7):1
           (6,8):1
                     (6,9):1
```

935. Inequality 935 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):0
                      (1,6):1
                                 (1,7):1
                                                       (1,9): -2
(1,4):1
                                            (1,8): -1
(2,4):3
           (2,5): -3
                      (2,6): -1
                                 (2,7):3
                                            (2,8):3
                                                       (2,9):1
                                 (3,7):-2
(3,4):2
           (3,5):3
                      (3,6): -1
                                            (3.8):3
                                                       (3,9):-3
(4,7): -2
           (4,8): -3
                      (4,9):3
                                 (5,7):3
                                            (5,8):0
                                                       (5,9):3
           (6,8):2
(6,7):-1
                      (6,9):2
```

936. Inequality 936 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):-1
                      (1,6):2
                                 (1,7):1
                                           (1,8): -2
                                                      (1,9):3
(2,4):-4
                                 (2,7):3
                                                      (2,9):2
           (2,5):1
                     (2,6):-1
                                           (2,8):3
                      (3,6):1
(3,4):-3
                                (3,7):-2
                                           (3,8):3
                                                      (3,9):2
           (3,5):1
(4,7):1
           (4,8):3
                      (4,9):4
                                                      (5,9):2
                                (5,7):-1
                                           (5,8):-2
                     (6,9):-1
(6,7):0
           (6,8):1
```

937. Inequality 937 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):0
           (1,5):2
                      (1,6):2
                                (1,7):-1
                                           (1,8):3
                                                      (1,9): -4
(2,4):3
                                (2,7):2
                                                      (2,9):-2
           (2,5):-1
                      (2,6):1
                                           (2,8): -3
(3,4):-1
           (3,5): -2
                     (3,6):2
                                (3,7):4
                                           (3,8):3
                                                      (3,9):2
(4,7):-2
                                (5,7):2
                                                      (5,9):2
           (4,8):3
                      (4,9):3
                                           (5,8):-1
(6,7):-1
           (6,8):-1
                      (6,9):1
```

938. Inequality 938 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):1
(1,4):-1
           (1,5):2
                      (1,6):3
                                            (1,8): -3
                                                       (1,9): -2
          (2,5): -2
(2,4):2
                      (2,6):2
                                (2,7):-1
                                            (2,8):3
                                                       (2,9):0
(3,4):1
                                            (3,8):2
           (3,5):1
                     (3,6):-1
                                 (3,7):2
                                                      (3,9):-1
(4,7):1
          (4,8): -3
                      (4,9):2
                                (5,7):-1
                                            (5,8):2
                                                       (5,9):2
(6,7):0
           (6,8):1
                      (6,9):1
```

939. Inequality 939 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):0
           (1,5):2
                      (1,6):3
                                 (1,7):-1
                                            (1,8): -2
                                                       (1,9): -2
           (2,5): -3
                      (2,6):2
                                 (2,7):2
                                            (2,8):3
                                                       (2,9):0
(2,4):2
(3,4):1
           (3,5):1
                      (3,6): -1
                                 (3,7): -2
                                            (3,8):2
                                                       (3,9):-1
(4,7):-1
           (4,8): -2
                      (4,9):2
                                 (5,7):2
                                            (5,8):2
                                                       (5,9):2
(6,7):0
           (6,8):1
                      (6,9):1
```

940. Inequality 940 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):0
           (1,5):0
                     (1,6):1
                                (1,7):-1
                                           (1,8): -1
                                                      (1,9):1
                                (2,7):1
                                           (2,8):1
                                                      (2,9):1
(2,4):-1
           (2,5):1
                     (2,6): -1
(3,4):-1
           (3,5):0
                     (3,6):1
                                (3,7):-1
                                           (3,8):2
                                                      (3,9):1
                                           (5,8): -1
(4,7):1
           (4,8):1
                     (4,9):2
                                (5,7):-1
                                                      (5,9):1
           (6,8):0
                     (6,9):0
(6,7):1
```

941. Inequality 941 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):-1
                                 (1,7):1
                                           (1,8):-1
                                                      (1,9):2
(1,4):-2
                      (1,6):1
(2,4):-4
                                                      (2,9):2
           (2,5):3
                      (2,6): -2
                                 (2,7):4
                                            (2,8):3
(3,4): -2
           (3,5):0
                      (3,6):1
                                (3,7):-2
                                            (3,8):3
                                                      (3,9):2
(4,7):2
                      (4,9):4
           (4,8):2
                                 (5,7):-2
                                           (5,8): -3
                                                      (5,9):3
(6,7):1
           (6,8):0
                      (6,9):1
```

942. Inequality 942 with incidence 31 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):1
          (1,5): -2
                     (1,6):1
                                (1,7):1
                                           (1,8):1
                                                      (1,9): -2
(2,4):4
          (2,5):2
                     (2,6): -2
                                (2,7):-2
                                           (2,8): -2
                                                      (2,9):0
(3,4):2
          (3,5):0
                     (3,6):2
                                (3,7):2
                                           (3,8):-4
                                                      (3,9): -2
                                                      (5,9):-3
(4,7):1
          (4,8):3
                     (4,9):3
                                (5,7):4
                                           (5,8):3
(6,7):2
          (6,8):1
                     (6,9):4
```

943. Inequality 943 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                      (1,6):0
                                 (1,7):1
                                            (1,8):1
                                                      (1,9):-1
(2,4):-3
                                 (2,7):2
                                           (2,8):2
           (2,5):2
                     (2,6): -1
                                                      (2,9):0
(3,4):-1
           (3,5):2
                                (3,7):-2
                      (3,6):2
                                           (3,8):3
                                                      (3,9):0
                      (4,9):2
           (4,8):2
(4,7):1
                                (5,7):-1
                                           (5,8):-3
                                                      (5,9):2
(6,7):1
           (6,8):-1
                      (6,9):-1
```

944. Inequality 944 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):2
                                            (1,8):0
                                                      (1,9):-1
(1,4):1
                      (1,6):2
                                 (1,7): -2
(2,4):0
           (2,5): -2
                      (2,6):1
                                 (2,7):1
                                            (2,8):1
                                                      (2,9):1
                                                      (3,9): -1
(3,4):-1
           (3,5):0
                      (3,6):1
                                 (3,7):-1
                                            (3,8):2
(4,7):2
           (4,8):1
                      (4,9): -3
                                 (5,7):3
                                            (5,8):2
                                                      (5,9):3
(6,7):1
           (6,8): -2
                      (6,9):1
```

945. Inequality 945 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):1
                                (1,7):-1
(1,4):0
           (1,5):2
                                            (1,8):1
                                                      (1,9):-1
(2,4):-4
           (2,5):3
                                                       (2,9):0
                     (2,6): -2
                                 (2,7):2
                                            (2,8):3
(3,4):-3
                      (3,6):2
                                (3,7):-1
                                            (3,8):3
                                                       (3,9):2
           (3,5):1
(4,7):1
           (4,8):4
                      (4,9):4
                                                       (5,9):4
                                 (5,7):0
                                           (5,8):-4
(6,7):1
           (6,8):-1
                      (6,9): -1
```

946. Inequality 946 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):0
                      (1,6):2
                                  (1,7):2
                                            (1,8): -2
                                                        (1,9):1
(2,4):-2
           (2,5):3
                      (2,6):1
                                 (2,7):3
                                            (2,8):2
                                                       (2,9):-1
(3,4):-1
           (3,5): -1
                      (3,6):1
                                 (3,7):-1
                                            (3,8):1
                                                        (3,9):1
                                 (5,7): -3
(4,7):1
           (4,8):4
                      (4,9):3
                                            (5,8):-2
                                                        (5,9):3
(6,7): -2
           (6,8):1
                      (6,9): -1
```

947. Inequality 947 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):3
(1,4):-2
           (1,5):0
                     (1,6): -3
                                           (1,8):-1
                                                      (1,9):3
           (2,5):4
                                 (2,7):4
                                                      (2,9):0
(2,4):-5
                      (2,6):1
                                           (2,8):4
(3,4):-3
                                (3,7):-3
                                           (3,8):3
                                                      (3,9):3
           (3,5):-1
                      (3,6):1
(4,7):3
           (4,8):5
                      (4,9):6
                                (5,7):-4
                                           (5,8): -3
                                                      (5,9):4
(6,7):3
           (6,8): -2
                      (6,9):2
```

948. Inequality 948 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4): -\overline{2}
            (1,5):1
                       (1,6): -2
                                   (1,7):2
                                              (1,8):1
                                                          (1,9):2
(2,4):-2
            (2,5):2
                                   (2,7):1
                                              (2,8):2
                                                          (2,9):0
                       (2,6):1
(3,4):-2
           (3,5):-1
                       (3,6):1
                                  (3,7):-2
                                              (3,8):2
                                                         (3,9):2
(4,7):1
           (4,8):3
                       (4,9):4
                                  (5,7): -2
                                              (5,8): -3
                                                          (5,9):3
(6,7):2
           (6,8):-1
                       (6,9):1
```

949. Inequality 949 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):2
(1,4):2
                     (1,6):2
                               (1,7):0
                                          (1,8):0
                                                     (1,9): -2
          (2,5):2
                    (2,6):1
                               (2,7):3
                                          (2,8):3
                                                     (2,9):1
(2,4):-4
                                                     (3,9):1
(3,4): -2
          (3,5):0
                     (3,6):1
                               (3,7): -3
                                          (3,8):3
(4,7):2
          (4,8):3
                    (4,9):3
                               (5,7): -2
                                          (5,8):-4
                                                     (5,9):2
          (6,8):1
(6,7):0
                     (6,9):1
```

950. Inequality 950 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):0
                                 (1,7):2
                                           (1,8): -2
                                                      (1,9):1
                      (1,6):2
(2,4):-2
                                 (2,7):2
                                                      (2,9):0
           (2,5):3
                      (2,6):1
                                            (2,8):2
(3,4):0
          (3,5):-1
                      (3,6):1
                                (3,7):-1
                                           (3,8):1
                                                      (3,9):0
(4,7):1
           (4,8):3
                      (4,9):3
                                (5,7):-3
                                           (5,8): -2
                                                      (5,9):3
(6,7):-1
           (6,8):0
                     (6,9):-1
```

951. Inequality 951 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):3
                                (1,7):1
                                            (1,8):2
                                                      (1,9): -2
                     (1,6): -1
(2,4):-3
           (2,5):0
                     (2,6): -1
                                (2,7):2
                                            (2,8):3
                                                       (2,9):3
(3,4):-1
           (3,5):1
                     (3,6):2
                                (3,7): -3
                                            (3,8):4
                                                      (3,9):-1
                                                       (5,9):3
(4,7):1
           (4,8):2
                     (4,9):2
                                (5,7): -2
                                           (5,8): -3
                     (6,9):1
(6,7):1
           (6,8):0
```

952. Inequality 952 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):4
                      (1,6):1
                                 (1,7):1
                                            (1,8):3
                                                      (1,9): -3
(2,4):-4
           (2,5):3
                     (2,6): -2
                                 (2,7):4
                                           (2,8):4
                                                      (2,9):3
                                (3,7):-4
(3,4):-2
           (3,5):-1
                      (3,6):2
                                           (3,8):5
                                                      (3,9):2
(4,7):2
           (4,8):2
                      (4,9):4
                                (5,7):-4
                                           (5,8):-5
                                                      (5,9):3
(6,7):1
           (6,8):-1
                      (6,9):1
```

953. Inequality 953 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5): -2
                                 (1,7):1
                                                      (1,9):1
                      (1,6):2
                                           (1,8):-1
(2,4):-4
           (2,5):2
                     (2,6): -2
                                 (2,7):3
                                           (2,8):4
                                                      (2,9):3
           (3,5):2
                                                      (3,9):0
(3,4):-2
                      (3,6):2
                                (3,7):-2
                                           (3.8):4
(4,7):1
           (4,8):3
                      (4,9):3
                                (5,7):-1
                                           (5,8):-4
                                                      (5,9):3
(6,7):0
           (6,8):0
                      (6,9):2
```

954. Inequality 954 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):2
                                 (1,7):1
(1,4):-1
           (1,5): -2
                                            (1,8): -1
                                                       (1,9):1
(2,4):-3
                                                       (2,9):3
           (2,5):1
                      (2,6): -2
                                 (2,7):2
                                            (2,8):3
           (3,5):2
                      (3,6):2
(3,4):-1
                                 (3,7):-1
                                            (3,8):3
                                                       (3,9):-1
(4,7):1
           (4,8):2
                      (4,9):2
                                 (5,7):-1
                                            (5,8):-3
                                                       (5,9):3
(6,7):0
           (6,8):0
                      (6,9):2
```

955. Inequality 955 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-2
           (1,5): -2
                      (1,6):2
                                (1,7):-4
                                           (1,8):2
                                                      (1,9):4
                                (2,7):5
(2,4): -6
           (2,5):4
                      (2,6):1
                                           (2,8):5
                                                      (2,9):1
(3,4):1
           (3,5):2
                     (3,6):4
                                (3,7):-4
                                           (3,8):5
                                                      (3,9): -4
(4,7):4
           (4,8):5
                      (4,9):6
                                (5,7):-4
                                           (5,8):-4
                                                      (5,9):4
(6,7):3
           (6,8): -3
                      (6,9):1
```

956. Inequality 956 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):0
                                 (1,7):1
(1,4):1
                      (1,6):2
                                            (1,8): -2
                                                       (1,9):2
(2,4):-2
                                            (2,8):2
                                                       (2,9):-1
           (2,5):3
                      (2,6):1
                                 (2,7):3
(3,4):-1
           (3,5): -3
                                 (3,7):-2
                                            (3,8):2
                      (3,6):1
                                                       (3,9):3
(4,7):2
           (4,8):3
                      (4,9):1
                                 (5,7): -3
                                            (5,8):0
                                                       (5,9):3
(6,7): -1
           (6,8):1
                      (6,9): -2
```

957. Inequality 957 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                      (1,6):2
                                  (1,7):1
                                             (1,8):1
                                                       (1,9):-1
(2,4):-1
           (2,5):4
                      (2,6): -2
                                 (2,7):3
                                            (2,8):2
                                                       (2,9): -2
(3,4):-1
           (3,5):2
                      (3,6):1
                                 (3,7):-2
                                            (3,8):3
                                                       (3,9):-1
(4,7):1
           (4,8):2
                      (4,9):2
                                 (5,7): -2
                                            (5,8): -3
                                                       (5,9):3
(6,7):1
           (6,8): -1
                      (6,9):-1
```

958. Inequality 958 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4): -2
           (1,5): -2
                      (1,6):1
                                 (1,7):1
                                            (1,8): -1
                                                        (1,9):3
(2,4):-2
           (2,5):3
                                 (2,7):2
                                            (2,8):3
                                                       (2,9):-1
                      (2,6):1
(3,4):0
           (3,5): -1
                      (3,6):1
                                 (3,7):-2
                                            (3,8):2
                                                       (3,9):2
(4,7):3
           (4,8):1
                      (4,9):2
                                 (5,7):-1
                                            (5,8): -2
                                                        (5,9):3
           (6,8):-1
                      (6,9):-1
(6,7):1
```

959. Inequality 959 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):2
                      (1,6):1
                                 (1,7):-1
                                            (1,8):-1
                                                       (1,9): -2
(1,4):1
(2,4):3
                                                       (2,9):0
           (2,5):0
                      (2,6): -3
                                 (2,7):3
                                            (2,8):3
(3,4):0
           (3,5):0
                      (3,6):1
                                 (3,7): -3
                                            (3,8):3
                                                       (3,9):-1
(4,7): -3
           (4,8): -2
                      (4,9):3
                                 (5,7):2
                                            (5,8):2
                                                       (5,9):2
(6,7):2
           (6,8):1
                      (6,9):2
```

960. Inequality 960 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
                                (1,7):1
                                            (1,8):1
                                                      (1,9): -2
           (1,5):2
                     (1,6): -1
(2,4):-3
           (2,5):0
                     (2,6): -3
                                (2,7):3
                                           (2,8):3
                                                      (2,9):0
(3,4):0
           (3,5):1
                     (3,6):2
                                (3,7): -3
                                           (3,8):3
                                                      (3,9):1
(4,7):3
                                                      (5,9):2
           (4,8):2
                     (4,9):3
                                (5,7):-1
                                           (5,8): -2
(6,7):3
           (6,8):1
                     (6,9): -2
```

961. Inequality 961 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5): -2
                      (1,6):2
                                 (1,7):-1
                                             (1,8): -1
                                                        (1,9):3
(2,4): -6
                                                        (2,9):-1
           (2,5):6
                      (2,6): -1
                                 (2,7):6
                                             (2,8):6
                                 (3,7):-6
           (3,5):6
(3,4):0
                      (3,6):4
                                             (3,8):6
                                                        (3,9): -2
(4,7):5
           (4,8):5
                      (4,9):5
                                 (5,7):-1
                                            (5,8): -8
                                                        (5,9):7
(6,7):5
           (6,8): -2
                      (6,9): -4
```

962. Inequality 962 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):2
                      (1,6): -1
                                 (1,7):1
                                            (1,8):1
                                                       (1,9): -2
(1,4):1
(2,4):-5
           (2,5):5
                      (2,6): -1
                                 (2,7):5
                                            (2,8):5
                                                       (2,9):-1
                                 (3,7):-5
(3,4):0
           (3,5):5
                      (3,6):3
                                            (3,8):5
                                                       (3,9):-2
(4,7):4
           (4,8):4
                      (4,9):4
                                 (5,7):-1
                                            (5,8):-7
                                                       (5,9):6
           (6,8): -2
                      (6,9): -3
(6,7):4
```

963. Inequality 963 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):2
                                                     (1,9):-1
(1,4):1
          (1,5):2
                               (1,7):-1
                                           (1,8):1
(2,4):-3
          (2,5):1
                                (2,7):2
                                           (2,8):3
                                                      (2,9):2
                     (2,6):1
(3,4):0
          (3,5):2
                     (3,6): -2
                               (3,7):-1
                                           (3,8):3
                                                     (3,9): -2
(4,7):2
          (4,8):2
                     (4,9):2
                                (5,7):0
                                          (5,8):-3
                                                      (5,9):2
(6,7):2
          (6,8):0
                     (6,9): -3
```

964. Inequality 964 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):0
                      (1,6): -4
                                 (1,7):3
                                            (1,8):4
                                                       (1,9):4
(2,4):-1
           (2,5):3
                      (2,6):1
                                 (2,7):2
                                            (2,8):3
                                                       (2,9): -2
(3,4):-1
           (3,5): -1
                      (3,6):3
                                 (3,7):-5
                                            (3,8):5
                                                       (3,9):-1
                                 (5,7): -3
(4,7):0
           (4,8):2
                      (4,9):1
                                            (5,8):-2
                                                       (5,9):3
(6,7):3
           (6,8):0
                      (6,9):3
```

965. Inequality 965 with incidence 31 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,7):1
                                                     (1,9): -2
(1,4):1
           (1,5):1
                     (1,6):1
                                          (1,8):0
           (2,5):1
(2,4):-2
                     (2,6):1
                                (2,7):1
                                          (2,8):2
                                                     (2,9):1
                                (3,7):-2
                                          (3,8):2
                                                     (3,9):-1
(3,4):0
          (3,5):-1
                     (3,6):2
(4,7):1
           (4,8):2
                     (4,9):2
                                (5,7):-2
                                          (5,8):0
                                                     (5,9):1
(6,7):1
          (6,8): -2
                     (6,9):1
```

966. Inequality 966 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):3
           (1,5):3
                     (1,6):1
                                (1,7):2
                                           (1,8):-1
                                                     (1,9):-4
(2,4):-4
           (2,5):3
                     (2,6):1
                                (2,7):3
                                           (2,8):4
                                                      (2,9):1
(3,4):0
          (3,5):-1
                     (3,6):3
                                (3,7): -3
                                           (3,8):3
                                                     (3,9): -2
(4,7):1
           (4,8):4
                     (4,9):4
                                (5,7):-5
                                          (5,8):-1
                                                      (5,9):3
(6,7):2
                     (6,9):2
           (6,8): -3
```

967. Inequality 967 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4): -2
           (1,5):0
                      (1,6): -1
                                 (1,7):1
                                            (1,8):1
                                                       (1,9):1
(2,4):-1
           (2,5):2
                                 (2,7):3
                                            (2,8):2
                                                       (2,9):-1
                      (2,6):1
(3,4):-1
           (3,5):1
                      (3,6):2
                                 (3,7): -3
                                            (3,8):4
                                                       (3,9):1
                                            (5,8):-2
(4,7):2
           (4,8):2
                      (4,9):2
                                 (5,7):-1
                                                       (5,9):2
(6,7):0
           (6,8): -1
                      (6,9):-1
```

968. Inequality 968 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):2
                      (1,6):2
                                 (1,7):1
                                            (1,8):-1
                                                       (1,9):-1
(1,4):1
           (2,5):2
                                 (2,7):3
                                                       (2,9):1
(2,4):-3
                      (2,6):0
                                            (2,8):3
(3,4):0
           (3,5): -2
                      (3,6):2
                                 (3,7): -3
                                            (3,8):1
                                                       (3,9):2
(4,7):2
           (4,8):2
                      (4,9):2
                                 (5,7): -3
                                            (5,8):-1
                                                       (5,9):2
(6,7):0
           (6,8):2
                      (6,9): -2
```

969. Inequality 969 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):4
           (1,5):2
                      (1,6):2
                                (1,7): -2
                                           (1,8):2
                                                      (1,9):-4
(2,4):-4
           (2,5):4
                      (2,6):1
                                (2,7):4
                                           (2,8):3
                                                      (2,9):0
(3,4):-2
           (3,5): -5
                      (3,6):3
                                (3,7): -3
                                           (3,8):4
                                                      (3,9):3
(4,7):4
           (4,8):2
                     (4,9):4
                                (5,7):-4
                                           (5,8):-1
                                                      (5,9):4
(6,7):1
           (6,8): -2
                     (6,9):1
```

970. Inequality 970 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                      (1,6):2
                                 (1,7):1
                                           (1,8): -1
                                                      (1,9):-1
(2,4):-3
                                            (2,8):2
           (2,5):1
                      (2,6):1
                                 (2,7):3
                                                       (2,9):2
           (3,5): -2
                                (3,7):-3
(3,4):1
                      (3,6):2
                                            (3,8):2
                                                       (3,9):0
                      (4,9):2
(4,7):2
                                (5,7): -3
           (4,8):1
                                            (5,8):0
                                                       (5,9):2
(6,7):0
           (6,8):0
                      (6,9):-1
```

971. Inequality 971 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):2
                      (1,6):1
                                 (1,7):1
                                           (1,8):0
                                                      (1,9):-1
(1,4):1
(2,4):-3
           (2,5):1
                      (2,6):1
                                (2,7):3
                                           (2,8):2
                                                      (2,9):2
                                (3,7):-3
(3,4):1
          (3,5):-1
                      (3,6):1
                                           (3,8):2
                                                      (3,9):0
(4,7):2
           (4,8):1
                      (4,9):2
                                (5,7): -3
                                           (5,8): -1
                                                      (5,9):2
(6,7):0
           (6,8):0
                     (6,9):-1
```

972. Inequality 972 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):3
                                (1,7):-2
                                           (1,8):0
                                                     (1,9):-3
(1,4):3
           (1,5):1
(2,4):-3
           (2,5):2
                                (2,7):2
                                           (2,8):2
                                                      (2,9):0
                     (2,6):1
(3,4):-2
           (3,5): -2
                                (3,7): -2
                                           (3,8):2
                                                      (3,9):2
                     (3,6):2
(4,7):2
                     (4,9):4
                                          (5,8):-2
                                                      (5,9):4
           (4,8):4
                                (5,7): -3
(6,7):3
           (6,8): -2
                     (6,9):1
```

973. Inequality 973 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):1
                     (1,6): -3
                                 (1,7):2
                                            (1,8):3
                                                      (1,9):2
(2,4):-1
           (2,5):2
                      (2,6):1
                                (2,7):1
                                           (2,8):2
                                                      (2,9):-1
(3,4):-1
           (3,5):-1
                      (3,6):2
                                (3,7):-3
                                           (3,8):3
                                                      (3,9):0
                      (4,9):1
                                (5,7):-2
(4,7):0
           (4,8):2
                                           (5,8):-2
                                                      (5,9):2
                      (6,9):2
(6,7):2
           (6,8):0
```

974. Inequality 974 with incidence 31 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):-1
                                 (1,7):1
           (1,5):0
                     (1,6): -2
                                            (1,8):1
                                                      (1,9):1
                      (2,6):2
(2,4):-2
           (2,5):1
                                 (2,7):3
                                            (2,8):3
                                                      (2,9):1
(3,4):-1
                                (3,7):-2
                                            (3,8):3
           (3,5):0
                      (3,6):1
                                                      (3,9):1
(4,7):1
           (4,8):2
                      (4,9):1
                                (5,7):-1
                                           (5,8): -2
                                                      (5,9):2
(6,7):0
           (6,8):-1
                      (6,9):0
```

975. Inequality 975 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):3
           (1,5):2
                      (1,6):2
                                (1,7):-1
                                           (1,8):0
                                                      (1,9): -2
(2,4):-4
           (2,5):3
                      (2,6):1
                                (2,7):3
                                           (2,8):3
                                                      (2,9):0
(3,4):-1
           (3,5): -3
                      (3,6):3
                                (3,7): -3
                                           (3,8):3
                                                      (3,9):1
(4,7):3
           (4,8):3
                      (4,9):2
                                (5,7): -3
                                           (5,8):-1
                                                      (5,9):2
(6,7):1
           (6,8): -2
                      (6,9):1
```

976. Inequality 976 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):2
                      (1,6):1
                                (1,7): -2
                                           (1,8):0
                                                      (1,9):-1
(2,4):-2
           (2,5):2
                      (2,6):1
                                (2,7):2
                                           (2,8):2
                                                      (2,9):-1
(3,4):0
           (3,5): -2
                      (3,6):2
                                (3,7): -3
                                           (3,8):2
                                                      (3,9):1
(4,7):3
           (4,8):2
                     (4,9):1
                                (5,7):-1
                                           (5,8):-1
                                                      (5,9):2
(6,7):1
           (6,8):-1
                      (6,9):0
```

977. Inequality 977 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):3
                      (1,6):2
                                (1,7):0
                                           (1,8):1
                                                      (1,9): -2
(2,4):-4
           (2,5):2
                                (2,7):3
                                                      (2,9):1
                      (2,6):1
                                           (2,8):3
(3,4):-1
           (3,5): -2
                     (3,6):3
                                (3,7): -3
                                           (3,8):3
                                                      (3,9):0
(4,7):2
           (4,8):3
                     (4,9):2
                                (5,7):-4
                                           (5,8):-1
                                                      (5,9):2
(6,7):2
           (6,8): -3
                     (6,9):1
```

978. Inequality 978 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):1
                      (1,6):2
                                 (1,7):1
                                                       (1,9):0
                                            (1,8):-1
(2,4):-2
           (2,5):3
                      (2,6):0
                                 (2,7):3
                                            (2,8):3
                                                       (2,9):-1
(3,4):-1
           (3,5):-1
                      (3,6):1
                                 (3,7):-1
                                            (3,8):2
                                                       (3,9):2
(4,7):1
           (4,8):2
                      (4,9):1
                                 (5,7): -2
                                            (5,8):-1
                                                       (5,9):2
(6,7): -2
           (6,8):1
                      (6,9): -2
```

979. Inequality 979 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):1
                      (1,6):2
                                 (1,7):1
                                            (1,8):1
                                                       (1,9):-1
(2,4):-3
                                            (2,8):2
           (2,5):1
                      (2,6):2
                                 (2,7):3
                                                       (2,9):1
                                (3,7):-2
           (3,5):-1
(3,4):0
                      (3,6):0
                                            (3,8):2
                                                       (3,9):1
                                 (5,7):-2
(4,7):2
           (4,8):1
                      (4,9):2
                                            (5,8):-1
                                                       (5,9):2
           (6,8): -1
                      (6,9): -1
(6,7): -2
```

980. Inequality 980 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):4
                      (1,6):2
                                 (1,7):1
                                            (1,8):2
                                                       (1,9): -2
(1,4):1
(2,4):-2
           (2,5):3
                      (2,6): -2
                                 (2,7):4
                                            (2,8):4
                                                       (2,9):1
                                 (3,7):-4
(3,4):-1
           (3,5): -2
                      (3,6):2
                                            (3.8):4
                                                       (3,9):1
(4,7):1
           (4,8):2
                      (4,9):1
                                 (5,7):-4
                                            (5,8): -3
                                                       (5,9):2
(6,7):2
           (6,8): -1
                      (6,9):1
```

981. Inequality 981 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):3
                      (1,6):2
                                 (1,7):0
(1,4):1
                                            (1,8):2
                                                       (1,9): -2
(2,4):-2
           (2,5):2
                                                       (2,9):1
                      (2,6): -1
                                 (2,7):3
                                            (2,8):3
(3,4):-1
           (3,5): -2
                                 (3,7):-3
                                            (3,8):3
                                                       (3,9):1
                      (3,6):2
           (4,8):2
                      (4,9):1
                                 (5,7):-3
                                            (5,8):-2
                                                       (5,9):2
(4,7):1
(6,7):2
           (6,8): -2
                      (6,9):1
```

982. Inequality 982 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5): -1
                      (1,6): -2
                                 (1,7):2
                                            (1,8):0
                                                       (1,9):-1
(2,4):-2
           (2,5):3
                      (2,6): -1
                                 (2,7):2
                                            (2,8):3
                                                       (2,9):-1
(3,4):0
           (3,5):2
                      (3,6):1
                                 (3,7): -2
                                            (3,8):2
                                                       (3,9):-1
(4,7):0
           (4,8):3
                      (4,9):3
                                 (5,7):0
                                            (5,8):-3
                                                       (5,9):3
(6,7):2
           (6,8):1
                      (6,9): -1
```

983. Inequality 983 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):-1
                                 (1,7):-2
                                            (1,8):1
(1,4): -2
                      (1,6):1
                                                       (1,9):3
(2,4):-5
           (2,5):5
                      (2,6): -1
                                 (2,7):5
                                            (2,8):5
                                                       (2,9):-1
(3,4):0
                                 (3,7):-4
           (3,5):4
                      (3,6):2
                                            (3,8):5
                                                       (3,9):-3
                                 (5,7):-2
(4,7):3
           (4,8):5
                      (4,9):5
                                            (5,8):-5
                                                       (5,9):5
(6,7):2
           (6,8): -1
                      (6,9): -1
```

984. Inequality 984 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):0
           (1,5): -2
                      (1,6):2
                                 (1,7):-2
                                            (1,8):-1
                                                       (1,9):3
                      (2,6):1
(2,4):-2
           (2,5):2
                                 (2,7):2
                                                       (2,9):0
                                            (2,8):1
(3,4):1
           (3,5):2
                      (3,6):1
                                 (3,7):-2
                                            (3,8):2
                                                       (3,9): -2
(4,7):2
           (4,8):2
                      (4,9):3
                                 (5,7):-1
                                            (5,8):-2
                                                       (5,9):3
(6,7):1
           (6,8):0
                      (6,9): -1
```

985. Inequality 985 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):0
                      (1,6):1
                                 (1,7):-1
                                            (1,8):1
                                                       (1,9):2
(2,4):-2
           (2,5):3
                                 (2,7):2
                                            (2,8):3
                                                       (2,9):-1
                      (2,6):-1
(3,4):0
           (3,5):2
                      (3,6):2
                                 (3,7):-2
                                            (3,8):3
                                                       (3,9): -3
(4,7):1
           (4,8):3
                      (4,9):3
                                 (5,7):-1
                                            (5,8): -3
                                                       (5,9):3
           (6,8):-1
                      (6,9):0
(6,7):1
```

986. Inequality 986 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):0
                      (1,6):4
                                 (1,7):-2
                                            (1,8):2
                                                        (1,9):2
(1,4):2
(2,4):-3
           (2,5):2
                      (2,6):1
                                 (2,7):3
                                            (2,8):4
                                                       (2,9):1
(3,4): -2
           (3,5):0
                      (3,6):3
                                 (3,7): -3
                                            (3,8):3
                                                       (3,9):-1
(4,7):1
           (4,8):3
                      (4,9):1
                                 (5,7): -2
                                            (5,8):-2
                                                       (5,9):2
(6,7):3
           (6,8): -4
                      (6,9): -1
```

987. Inequality 987 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):0
                     (1,6): -2
                                (1,7):1
                                                      (1,9):1
                                           (1,8):-1
(2,4): -2
           (2,5):1
                     (2,6): -1
                                (2,7):3
                                           (2,8):2
                                                      (2,9):1
(3,4):-1
           (3,5):0
                     (3,6):-1
                                (3,7):-1
                                           (3,8):2
                                                      (3,9):1
           (4,8):2
                                                      (5,9):2
(4,7):1
                     (4,9):1
                                (5,7): -2
                                           (5,8):-1
                     (6,9):2
(6,7):2
           (6,8):0
```

988. Inequality 988 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):0
                     (1,6):2
                                (1,7):-1
                                           (1,8): -1
                                                      (1,9):-1
(2,4):-2
           (2,5):2
                                (2,7):2
                     (2,6):0
                                           (2,8):2
                                                      (2,9):0
                                (3,7):-2
                                           (3,8):2
                                                      (3,9):0
(3,4):-1
           (3,5): -1
                     (3,6):2
           (4,8):2
                                           (5,8):-1
                                                      (5,9):2
(4,7):1
                                (5,7): -2
                     (4,9):1
(6,7):2
           (6,8):0
                     (6,9):2
```

989. Inequality 989 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):0
                      (1,6):2
                                 (1,7):1
(1,4):1
                                            (1,8): -2
                                                       (1,9):2
(2,4):-2
           (2,5):2
                      (2,6):1
                                 (2,7):2
                                            (2,8):1
                                                       (2,9):0
(3,4):-1
           (3,5): -1
                      (3,6): -1
                                 (3,7):-1
                                            (3,8):2
                                                       (3,9):2
(4,7):1
           (4,8):2
                      (4,9):1
                                 (5,7): -2
                                            (5,8):-1
                                                       (5,9):2
           (6,8):2
(6,7):-1
                      (6,9):-1
```

990. Inequality 990 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,9):0
(1,4):-1
           (1,5):1
                      (1,6):1
                                 (1,7):1
                                           (1,8):0
(2,4):-4
                                (2,7):4
                                           (2,8):2
                                                      (2,9):2
           (2,5):2
                     (2,6): -2
           (3,5):-1
                     (3,6):1
(3,4):-2
                                (3,7):-2
                                           (3,8):2
                                                      (3,9):2
(4,7):2
                     (4,9):4
           (4,8):3
                                (5,7):-3
                                           (5,8):-2
                                                      (5,9):3
(6,7):2
           (6,8):-1
                      (6,9):1
```

991. Inequality 991 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):2
                      (1,6):1
                                 (1,7):2
                                           (1,8):-1
                                                      (1,9):-1
(2,4):-3
           (2,5):3
                     (2,6): -1
                                 (2,7):3
                                            (2,8):3
                                                       (2,9):1
(3,4):0
           (3,5):-1
                      (3,6):2
                                (3,7):-2
                                            (3,8):2
                                                      (3,9):-1
                      (4,9):3
                                (5,7):-5
(4,7):3
           (4,8):2
                                           (5,8):-1
                                                       (5,9):4
                      (6,9):2
(6,7):1
           (6,8): -1
```

992. Inequality 992 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):-1
(1,4):2
           (1,5):0
                     (1,6):-1
                                           (1,8):-1
                                                      (1,9):1
(2,4):-4
           (2,5):1
                     (2,6): -2
                                 (2,7):3
                                            (2,8):3
                                                      (2,9):3
(3,4):-2
                                (3,7):-2
                                                      (3,9):2
           (3,5):0
                      (3,6):2
                                           (3,8):4
(4,7):2
           (4,8):4
                      (4,9):2
                                (5,7):-1
                                           (5,8): -3
                                                      (5,9):3
(6,7):1
           (6,8):-1
                      (6,9):1
```

993. Inequality 993 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):-1
                      (1,6):3
                                 (1,7):1
                                            (1,8):0
                                                      (1,9):1
(2,4):-3
           (2,5):2
                      (2,6):3
                                 (2,7):3
                                            (2,8):3
                                                      (2,9):0
(3,4):-1
          (3,5):-1
                      (3,6):1
                                (3,7):-2
                                            (3,8):2
                                                      (3,9):1
(4,7):1
           (4,8):2
                      (4,9):1
                                (5,7):-1
                                           (5,8):-1
                                                      (5,9):2
(6,7):-2
           (6,8): -2
                     (6,9):-1
```

994. Inequality 994 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5): -1
                      (1,6):3
                                 (1,7):-2
                                            (1,8):1
                                                        (1,9):2
(2,4):-3
                                 (2,7):4
                                            (2,8):5
                                                       (2,9):0
           (2,5):4
                      (2,6):2
(3,4):-1
           (3,5):3
                      (3,6):1
                                 (3,7): -3
                                            (3,8):4
                                                       (3,9): -2
(4,7):2
           (4,8):3
                      (4,9):2
                                 (5,7): -2
                                            (5,8):-4
                                                       (5,9):4
           (6,8): -3
                      (6,9): -2
(6,7):1
```

995. Inequality 995 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5): -1
                      (1,6):2
                                 (1,7):1
                                            (1,8):1
                                                       (1,9):0
(1,4):1
                                                       (2,9):-1
(2,4):-3
           (2,5):3
                      (2,6):2
                                 (2,7):4
                                            (2,8):3
(3,4):0
           (3,5):2
                      (3,6):-1
                                 (3,7): -3
                                            (3,8):3
                                                       (3,9):-1
(4,7):2
           (4,8):2
                      (4,9):2
                                 (5,7):-1
                                            (5,8):-2
                                                       (5,9):3
(6,7): -3
           (6,8):-1
                      (6,9):1
```

996. Inequality 996 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):0
                                (1,7):4
                                           (1,8): -2
                                                      (1,9):2
                     (1,6):2
(2,4):-1
           (2,5):1
                     (2,6): -2
                                (2,7):3
                                           (2,8):3
                                                      (2,9):-2
(3,4):-2
           (3,5):0
                     (3,6):2
                                (3,7):-1
                                           (3,8):3
                                                      (3,9):2
(4,7):-1
           (4,8):3
                     (4,9):1
                                (5,7):-1
                                           (5,8):-1
                                                      (5,9):1
(6,7):0
           (6,8):0
                     (6,9): -2
```

997. Inequality 997 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):0
                      (1,6):3
                                 (1,7):4
                                           (1,8):3
                                                      (1,9): -3
(2,4):-1
                                 (2,7):3
                                           (2,8):2
                                                      (2,9):2
           (2,5): -3
                      (2,6): -1
(3,4):0
           (3,5):0
                                 (3,7):-5
                                                      (3,9):-1
                      (3,6):1
                                           (3,8):5
(4,7):2
           (4,8):1
                                                      (5,9):3
                      (4,9):-1
                                 (5,7):3
                                           (5,8):3
(6,7):-1
           (6,8): -2
                      (6,9):2
```

998. Inequality 998 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):0
                      (1,6):2
                                 (1,7):3
                                            (1,8):2
                                                       (1,9):2
(2,4):-1
           (2,5):2
                     (2,6): -1
                                 (2,7):3
                                            (2,8):2
                                                      (2,9):-1
                                 (3,7):-4
                                                       (3,9):1
(3,4):0
           (3,5):0
                      (3,6):1
                                            (3.8):4
(4,7):2
           (4,8):1
                      (4,9):1
                                 (5,7): -2
                                           (5,8): -2
                                                       (5,9):2
(6,7):0
           (6,8):-1
                      (6,9):-1
```

999. Inequality 999 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6): -1
                                (1,7):1
                                                      (1,9):-1
(1,4):1
           (1,5):1
                                           (1,8):1
(2,4):-3
           (2,5):1
                                (2,7):3
                                           (2,8):2
                                                      (2,9):2
                     (2,6): -1
(3,4):-2
           (3,5):0
                     (3,6):1
                                (3,7): -3
                                           (3,8):3
                                                      (3,9):1
           (4,8):2
                     (4,9):3
                                           (5,8):-2
                                                      (5,9):2
(4,7):1
                                (5,7): -2
(6,7):2
           (6,8):0
                     (6,9):1
```

1000. Inequality 1000 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):2
                      (1,6):2
                                 (1,7):-2
                                            (1,8):3
                                                       (1,9): -3
(2,4): -6
           (2,5):5
                      (2,6): -2
                                 (2,7):5
                                            (2,8):4
                                                       (2,9):0
(3,4): -3
           (3,5):0
                      (3,6):3
                                 (3,7):-2
                                            (3,8):5
                                                       (3,9):3
                                 (5,7):-3
(4,7):4
           (4,8):5
                      (4,9):6
                                            (5,8):-5
                                                       (5,9):5
(6,7):2
           (6,8):-4
                      (6,9): -1
```

1001. Inequality 1001 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):0
(1,4):-1
           (1,5): -2
                      (1,6):2
                                           (1,8): -2
                                                      (1,9):3
(2,4):-3
           (2,5):3
                      (2,6):1
                                 (2,7):2
                                            (2,8):3
                                                      (2,9):0
(3,4):-1
           (3,5):-1
                                (3,7):-2
                                            (3,8):2
                                                      (3,9):2
                      (3,6):0
                                           (5,8): -2
(4,7):2
           (4,8):2
                      (4,9):3
                                (5,7):-1
                                                      (5,9):3
(6,7):1
           (6,8):1
                      (6,9):-1
```

1002. Inequality 1002 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):0
           (1,5):2
                      (1,6):1
                                 (1,7):2
                                            (1,8):-1
                                                       (1,9): -2
(2,4):2
           (2,5):0
                      (2,6): -1
                                 (2,7):-1
                                            (2,8):1
                                                       (2,9):-1
(3,4):1
           (3,5):0
                      (3,6):1
                                 (3,7):2
                                            (3,8):3
                                                       (3,9):-1
(4,7):2
           (4,8): -2
                      (4,9):3
                                 (5,7): -2
                                            (5,8):2
                                                       (5,9):2
(6,7):-1
           (6,8):-1
                      (6,9):1
```

1003. Inequality 1003 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):3
           (1,5):3
                      (1,6):1
                                 (1,7):-1
                                             (1,8):2
                                                       (1,9): -2
(2,4):-4
           (2,5):3
                                 (2,7):3
                                            (2,8):3
                                                       (2,9):0
                      (2,6): -1
(3,4): -2
           (3,5):0
                      (3,6):3
                                 (3,7): -3
                                            (3,8):5
                                                        (3,9):3
(4,7):4
           (4,8):3
                      (4,9):4
                                 (5,7): -2
                                            (5,8):-5
                                                        (5,9):3
(6,7):1
           (6,8): -2
                      (6,9): -2
```

1004. Inequality 1004 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):2
                      (1,6):1
                                 (1,7):0
                                            (1,8):-1
                                                       (1,9): -2
(1,4):2
(2,4):3
           (2,5): -3
                                 (2,7):3
                                                       (2,9):-1
                      (2,6):1
                                            (2,8):3
(3,4):2
           (3,5):1
                      (3,6): -2
                                 (3,7): -3
                                            (3,8):3
                                                       (3,9):-1
(4,7): -2
           (4,8): -2
                      (4,9):3
                                 (5,7):3
                                            (5,8):3
                                                       (5,9):2
(6,7):-1
           (6,8):0
                      (6,9):1
```

1005. Inequality 1005 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):1
                      (1,6):1
                                 (1,7):1
                                            (1,8):2
                                                      (1,9):0
(2,4):-3
           (2,5):0
                      (2,6): -1
                                 (2,7):2
                                            (2,8):2
                                                      (2,9):2
(3,4):-1
           (3,5):0
                      (3,6):2
                                (3,7):-3
                                            (3,8):4
                                                      (3,9):2
(4,7):2
                                                      (5,9):4
           (4,8):4
                      (4,9):3
                                (5,7):-1
                                           (5,8):-4
                     (6,9): -1
(6,7):1
           (6,8): -2
```

1006. Inequality 1006 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                     (1,6):2
                                (1,7):1
                                          (1,8): -1
                                                     (1,9):-1
(2,4):-9
          (2,5):6
                     (2,6):3
                                (2,7):9
                                           (2,8):6
                                                      (2,9):3
(3,4):-4
          (3,5):2
                               (3,7):-4
                                                      (3,9):2
                     (3,6): -2
                                           (3,8):6
(4,7):4
          (4,8):8
                     (4,9):8
                               (5,7):-5
                                          (5,8):-7
                                                      (5,9):6
(6,7):-5
           (6,8):4
                     (6,9): -2
```

1007. Inequality 1007 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):2
                     (1,6):2
                                (1,7):1
                                          (1,8):-1
                                                     (1,9):-1
(1,4):1
(2,4):-7
          (2,5):4
                     (2,6):3
                                (2,7):7
                                           (2,8):4
                                                     (2,9):3
                               (3,7):-3
(3,4):-3
          (3,5):2
                                                     (3,9):1
                     (3,6): -2
                                          (3,8):5
(4,7):3
          (4,8):6
                     (4,9):6
                               (5,7):-4
                                          (5,8):-5
                                                     (5,9):5
(6,7):-4
           (6,8):3
                     (6,9): -2
```

1008. Inequality 1008 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):1
                                (1,7):1
                                           (1,8):0
                                                     (1,9):-1
(1,4):1
           (1,5):2
(2,4):-5
          (2,5):3
                                (2,7):5
                                           (2,8):3
                                                      (2,9):2
                     (2,6):2
(3,4):-2
          (3,5):1
                     (3,6): -1
                                (3,7): -2
                                           (3,8):3
                                                      (3,9):1
(4,7):2
          (4,8):4
                     (4,9):4
                                (5,7):-3
                                          (5,8):-4
                                                      (5,9):3
(6,7):-3
           (6,8):2
                     (6,9): -1
```

1009. Inequality 1009 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                     (1,6):2
                                (1,7):1
                                           (1,8):-1
                                                     (1,9):-1
(2,4): -6
                                                      (2,9):3
          (2,5):3
                     (2,6):3
                                (2,7):6
                                           (2,8):3
(3,4):-2
          (3,5):2
                     (3,6): -2
                                (3,7): -2
                                           (3,8):4
                                                      (3,9):0
(4,7):3
                     (4,9):5
                                (5,7):-4
          (4,8):5
                                          (5,8):-4
                                                      (5,9):5
(6,7):-4
          (6,8):3
                     (6,9): -2
```

1010. Inequality 1010 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):1
                                                      (1,9):-1
(1,4):-1
           (1,5):2
                      (1,6):1
                                           (1,8): -2
           (2,5):-4
(2,4):4
                      (2,6):2
                                 (2,7):4
                                            (2,8):3
                                                      (2,9):-1
(3,4):2
                                (3,7):-2
           (3,5):0
                     (3,6):-1
                                            (3,8):2
                                                      (3,9):-1
(4,7):-1
           (4,8):-4
                      (4,9):4
                                 (5,7):2
                                            (5,8):4
                                                      (5,9):4
(6,7): -2
           (6,8):1
                      (6,9):1
```

1011. Inequality 1011 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):0
           (1,5):2
                      (1,6):1
                                  (1,7):1
                                             (1,8):2
                                                        (1,9): -2
           (2,5):1
(2,4):-2
                      (2,6): -1
                                 (2,7):1
                                             (2,8):2
                                                        (2,9):1
(3,4):-1
           (3,5):-1
                      (3,6):2
                                 (3,7): -3
                                             (3,8):3
                                                        (3,9):2
(4,7):2
           (4,8):2
                      (4,9):3
                                 (5,7): -2
                                            (5,8): -2
                                                        (5,9):2
(6,7):1
           (6,8): -1
                      (6,9):0
```

1012. Inequality 1012 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):0
           (1,5):3
                      (1,6):1
                                 (1,7):2
                                            (1,8):2
                                                       (1,9): -2
(2,4):-2
                                 (2,7):1
                                            (2,8):2
                                                       (2,9):1
           (2,5):1
                      (2,6): -1
(3,4):-1
           (3,5):-1
                      (3,6):3
                                 (3,7):-4
                                            (3,8):4
                                                       (3,9):3
(4,7):3
           (4,8):2
                      (4,9):4
                                 (5,7): -3
                                            (5,8): -3
                                                       (5,9):3
           (6,8):-1
                      (6,9):-1
(6,7):1
```

1013. Inequality 1013 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-2
           (1,5):0
                      (1,6): -3
                                 (1,7):3
                                           (1,8):-1
                                                      (1,9):3
(2,4):-5
                                 (2,7):4
                                                      (2,9):0
           (2,5):5
                      (2,6):1
                                            (2,8):5
(3,4):-3
           (3,5):-1
                      (3,6):1
                                (3,7): -3
                                            (3,8):3
                                                      (3,9):3
(4,7):3
           (4,8):6
                      (4,9):7
                                (5,7):-5
                                           (5,8):-4
                                                      (5,9):5
(6,7):4
           (6,8): -3
                      (6,9):2
```

1014. Inequality 1014 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                      (1,6):1
                                 (1,7):0
                                            (1,8):1
                                                      (1,9):-1
(2,4):-5
           (2,5):4
                      (2,6): -1
                                 (2,7):5
                                            (2,8):5
                                                       (2,9):2
(3,4):-4
           (3,5):0
                      (3,6):2
                                 (3,7):-5
                                            (3,8):5
                                                       (3,9):2
(4,7):1
           (4,8):5
                      (4,9):4
                                 (5,7):-4
                                           (5,8):-5
                                                       (5,9):3
           (6,8): -1
                      (6,9):2
(6,7):3
```

1015. Inequality 1015 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

(1,4):-1	(1,5): -2	(1,6):1	(1,7):1	(1,8): -1	(1,9):2
(2,4):-3	(2,5):3	(2,6):1	(2,7):3	(2,8):4	(2,9):0
(3,4):-3	(3,5):0	(3,6):-1	(3,7):-2	(3,8):3	(3,9):3
(4,7):1	(4,8):3	(4,9):3	(5,7):-1	(5,8): -3	(5,9):3
(6,7):0	(6,8):0	(6,9):1			

1016. Inequality 1016 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):0
           (1,5):4
                      (1,6):2
                                 (1,7):2
                                           (1,8):-2
                                                      (1,9): -2
(2,4):-2
           (2,5):3
                     (2,6): -1
                                (2,7):4
                                           (2,8):3
                                                      (2,9):-1
                                (3,7):-3
(3,4):0
          (3,5): -2
                                           (3,8):3
                                                      (3,9):-1
                      (3,6):3
(4,7):2
                      (4,9):2
           (4,8):2
                                (5,7):-5
                                           (5,8):1
                                                      (5,9):3
          (6,8): -1
(6,7):2
                      (6,9):1
```

1017. Inequality 1017 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):-2
                     (1,6):2
                               (1,7): -3
                                           (1,8):1
                                                     (1,9):3
(1,4):-1
(2,4):-4
           (2,5):3
                     (2,6):1
                                (2,7):4
                                           (2,8):3
                                                     (2,9):1
(3,4):1
           (3,5):2
                     (3,6):3
                               (3,7): -3
                                          (3,8):4
                                                     (3,9):-3
(4,7):3
           (4,8):3
                     (4,9):4
                               (5,7):-3
                                          (5,8):-3
                                                     (5,9):3
(6,7):2
           (6,8): -2
                     (6,9):0
```

1018. Inequality 1018 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):2
(1,4): -2
           (1,5):3
                                 (1,7):3
                                           (1,8):2
                                                      (1,9): -2
(2,4):-2
                                           (2,8):2
           (2,5):1
                     (2,6): -2
                                (2,7):4
                                                      (2,9):1
(3,4):0
          (3,5):-1
                      (3,6):1
                                (3,7):-5
                                           (3,8):4
                                                      (3,9):1
           (4,8):2
(4,7):4
                                (5,7):-4
                      (4,9):2
                                           (5,8):-2
                                                      (5,9):3
(6,7):2
           (6,8):0
                      (6,9):1
```

1019. Inequality 1019 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):1
(1,4):1
           (1,5):2
                      (1,6):1
                                            (1,8):-1
                                                        (1,9): -2
(2,4):-3
           (2,5):6
                      (2,6): -1
                                  (2,7):6
                                             (2,8):5
                                                       (2,9): -3
(3,4): -1
                                 (3,7):-4
                                                       (3,9):-3
           (3,5):4
                      (3,6):1
                                             (3,8):5
(4,7):2
           (4,8):4
                      (4,9):3
                                 (5,7): -2
                                            (5,8):-4
                                                        (5,9):6
(6,7):1
           (6,8): -1
                      (6,9):-1
```

1020. Inequality 1020 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-3
           (1,5): -2
                      (1,6): -1
                                 (1,7):3
                                             (1,8):1
                                                        (1,9):2
                      (2,6): -1
(2,4):-2
                                 (2,7):5
                                                       (2,9): -2
           (2,5):4
                                            (2,8):4
(3,4):0
           (3,5):0
                      (3,6):1
                                 (3,7):-5
                                            (3,8):5
                                                       (3,9):1
(4,7):5
           (4,8):3
                      (4,9):3
                                 (5,7): -2
                                            (5,8): -3
                                                        (5,9):3
(6,7):2
           (6,8):0
                      (6,9):-1
```

1021. Inequality 1021 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                      (1,6):1
                                (1,7):-2
                                            (1,8):1
                                                      (1,9):-1
(2,4):-2
           (2,5):2
                                 (2,7):3
                                            (2,8):3
                                                      (2,9):-1
                     (2,6): -1
(3,4):0
           (3,5):-1
                      (3,6):1
                                (3,7): -3
                                            (3,8):2
                                                       (3,9):1
                                           (5,8):-2
(4,7):3
           (4,8):2
                      (4,9):2
                                (5,7):-1
                                                       (5,9):2
(6,7):2
           (6,8):0
                     (6,9):-1
```

1022. Inequality 1022 with incidence 31 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,5):1
                     (1,6):1
                                (1,7):-1
                                           (1,8):1
                                                      (1,9):-1
(1,4):1
(2,4):-2
          (2,5):0
                                (2,7):2
                                           (2,8):2
                                                      (2,9):1
                     (2,6):-1
(3,4):0
          (3,5):1
                     (3,6): -1
                                (3,7):-1
                                           (3,8):2
                                                      (3,9):-1
(4,7):2
          (4,8):1
                     (4,9):2
                                (5,7):-1
                                          (5,8):-1
                                                      (5,9):2
(6,7):1
           (6,8):1
                     (6,9):-1
```

1023. Inequality 1023 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):3
                                (1,7):-1
                                           (1,8): -2
                                                      (1,9):-3
                      (1,6):1
(2,4):3
           (2,5): -2
                      (2,6):1
                                (2,7):3
                                           (2,8):3
                                                      (2,9):-2
(3,4):0
           (3,5):0
                      (3,6):0
                                (3,7): -3
                                           (3,8):3
                                                      (3,9):0
(4,7):-3
                                                      (5,9):2
           (4,8):-1
                      (4,9):3
                                (5,7):3
                                           (5,8):4
                     (6,9):2
(6,7):1
           (6,8):-1
```

1024. Inequality 1024 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):2
                     (1,6):1
                                (1,7):1
                                          (1,8): -1
                                                     (1,9): -3
           (2,5):4
                                (2,7):3
(2,4):-4
                     (2,6):1
                                           (2,8):4
                                                     (2,9):0
(3,4):0
          (3,5):-2
                               (3,7):-3
                                                     (3,9):-1
                     (3,6):3
                                           (3,8):3
(4,7):2
           (4,8):4
                               (5,7):-5
                                          (5,8):-1
                                                     (5,9):4
                     (4,9):4
(6,7):2
          (6,8): -3
                     (6,9):2
```

1025. Inequality 1025 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):3
                     (1,6):2
                                (1,7):2
                                          (1,8):-1
                                                     (1,9):-5
(1,4):3
(2,4):-5
           (2,5):3
                     (2,6):1
                                (2,7):4
                                          (2,8):4
                                                     (2,9):1
                               (3,7):-4
                                                     (3,9):-3
(3,4):1
          (3,5): -2
                     (3,6):4
                                          (3,8):4
(4,7):2
           (4,8):4
                     (4,9):5
                               (5,7): -5
                                          (5,8):0
                                                     (5,9):3
(6,7):1
          (6,8): -3
                     (6,9):3
```

1026. Inequality 1026 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,9): -\overline{6}
                       (1,6):2
                                   (1,7):2
(1,4):4
            (1,5):4
                                              (1,8): -2
(2,4):-4
                                                          (2,9):-1
            (2,5):6
                       (2,6): -1
                                   (2,7):5
                                              (2,8):5
(3,4): -2
                                  (3,7):-5
                                              (3,8):5
                                                          (3,9): -4
            (3,5):1
                       (3,6):5
(4,7):0
            (4,8):6
                       (4,9):4
                                   (5,7):-5
                                              (5,8):-2
                                                          (5,9):6
                       (6,9):3
(6,7):3
           (6,8): -2
```

1027. Inequality 1027 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):2
                      (1,6):1
                                (1,7):1
                                           (1,8):-1
                                                      (1,9): -3
(2,4):-3
           (2,5):2
                                                      (2,9):-1
                      (2,6):2
                                (2,7):4
                                           (2,8):4
(3,4):-1
           (3,5):-1
                     (3,6):4
                                (3,7):-4
                                           (3,8):4
                                                      (3,9): -2
                                                      (5,9):2
(4,7):1
           (4,8):4
                      (4,9):3
                                (5,7): -3
                                           (5,8):0
(6,7):1
           (6,8): -3
                      (6,9):3
```

1028. Inequality 1028 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):1
                                                      (1,9): -2
(1,4):2
           (1,5):1
                      (1,6):1
                                           (1,8):-1
(2,4):-4
           (2,5):3
                      (2,6):1
                                (2,7):3
                                           (2,8):3
                                                      (2,9):0
(3,4):0
                                (3,7): -3
                                                      (3,9):-1
           (3,5): -2
                      (3,6):3
                                           (3,8):3
(4,7):2
           (4,8):4
                      (4,9):4
                                (5,7):-4
                                           (5,8):-1
                                                      (5,9):3
(6,7):1
           (6,8): -2
                      (6,9):2
```

1029. Inequality 1029 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5): -1
                      (1,6): -2
                                 (1,7):1
                                            (1,8):1
                                                       (1,9):2
           (2,5):3
                      (2,6):0
(2,4):-2
                                 (2,7):3
                                            (2,8):3
                                                       (2,9):-1
(3,4):-1
           (3,5):-1
                      (3,6):2
                                 (3,7): -3
                                            (3,8):3
                                                       (3,9):0
(4,7):1
           (4,8):2
                      (4,9):1
                                 (5,7): -2
                                            (5,8):-1
                                                       (5,9):2
(6,7):2
                      (6,9):2
           (6,8):0
```

1030. Inequality 1030 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                      (1,6):1
                                (1,7):1
                                           (1,8):-1
                                                      (1,9): -2
(2,4):-4
                                (2,7):3
                                           (2,8):4
                                                      (2,9):0
           (2,5):4
                      (2,6):1
(3,4):0
          (3,5): -2
                      (3,6):3
                                (3,7): -3
                                           (3,8):3
                                                      (3,9):-1
(4,7):3
           (4,8):4
                      (4,9):4
                                (5,7): -6
                                           (5,8):-1
                                                      (5,9):5
(6,7):2
                     (6,9):2
           (6,8): -3
```

1031. Inequality 1031 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                      (1,6):1
                                (1,7):1
                                           (1,8):-1
                                                      (1,9): -2
(2,4):-4
                                (2,7):3
                                                      (2,9):1
           (2,5):3
                      (2,6):1
                                           (2,8):4
(3,4):0
          (3,5):-1
                     (3,6):3
                                (3,7): -3
                                           (3,8):3
                                                      (3,9): -2
(4,7):3
           (4,8):4
                      (4,9):4
                                (5,7): -6
                                           (5,8):-1
                                                      (5,9):5
(6,7):2
           (6,8): -3
                     (6,9):2
```

1032. Inequality 1032 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):1
                      (1,6):2
                                (1,7):-1
                                           (1,8):0
                                                      (1,9): -2
(2,4):-3
           (2,5):2
                      (2,6):1
                                (2,7):2
                                           (2,8):2
                                                      (2,9):0
(3,4):-1
           (3,5): -2
                      (3,6):2
                                (3,7): -2
                                           (3,8):2
                                                      (3,9):1
(4,7):2
                                                      (5,9):2
           (4,8):2
                      (4,9):2
                                (5,7): -2
                                           (5,8):-1
(6,7):1
           (6,8):-1
                     (6,9):1
```

1033. Inequality 1033 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):0
                     (1,6): -3
                                 (1,7):2
                                            (1,8):2
                                                      (1,9):2
(2,4):-2
           (2,5):2
                                 (2,7):2
                                            (2,8):2
                                                      (2,9):-1
                      (2,6):1
(3,4): -1
           (3,5):-1
                                (3,7):-3
                                                      (3,9):0
                      (3,6):2
                                            (3,8):3
(4,7):1
           (4,8):2
                                (5,7): -2
                      (4,9):1
                                           (5,8):-1
                                                       (5,9):2
(6,7):2
           (6,8):0
                      (6,9):2
```

1034. Inequality 1034 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):-1
                      (1,6): -4
                                 (1,7):2
                                            (1,8):2
(1,4): -2
                                                       (1,9):3
(2,4):-4
           (2,5):4
                      (2,6):1
                                 (2,7):4
                                            (2,8):4
                                                       (2,9):-1
                                 (3,7):-4
                                                       (3,9):0
(3,4): -2
           (3,5):-1
                      (3,6):3
                                            (3.8):4
(4,7):2
                      (4,9):2
           (4,8):4
                                (5,7):-3
                                           (5,8): -2
                                                       (5,9):3
(6,7):3
           (6,8):0
                      (6,9):3
```

1035. Inequality 1035 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,9): -\overline{3}
                       (1,6):1
                                  (1,7):-4
(1,4):5
            (1,5):4
                                              (1,8): -1
(2,4):-5
           (2,5):7
                                                          (2,9):-2
                       (2,6):2
                                   (2,7):6
                                              (2,8):6
(3,4):0
           (3,5): -3
                                  (3,7): -8
                                              (3,8):5
                                                          (3,9):3
                       (3,6):3
(4,7):8
           (4,8):5
                       (4,9):3
                                  (5,7):-4
                                                          (5,9):6
                                              (5,8):-4
(6,7):2
           (6,8): -1
                       (6,9): -1
```

1036. Inequality 1036 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):3
                      (1,6):2
                                 (1,7):0
                                            (1,8):2
                                                       (1,9): -2
(2,4):-2
           (2,5):2
                      (2,6): -1
                                 (2,7):3
                                            (2,8):3
                                                       (2,9):1
(3,4):-1
           (3,5):-1
                      (3,6):1
                                (3,7):-3
                                            (3,8):3
                                                       (3,9):1
                                (5,7):-3
(4,7):1
           (4,8):2
                      (4,9):1
                                            (5,8):-3
                                                       (5,9):2
(6,7):2
           (6,8): -1
                      (6,9):1
```

1037. Inequality 1037 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):3
                                 (1,7):-1
                                            (1,8):1
                                                       (1,9):-1
(1,4):2
                      (1,6):2
(2,4):-2
           (2,5):4
                                            (2,8):3
                      (2,6): -1
                                 (2,7):3
                                                       (2,9):-1
(3,4): -1
           (3,5): -2
                                 (3,7):-3
                                                       (3,9):2
                      (3,6):1
                                            (3,8):3
(4,7):3
           (4,8):2
                      (4,9):2
                                 (5,7): -3
                                            (5,8):-3
                                                       (5,9):3
(6,7):1
           (6,8):0
                      (6,9): -1
```

1038. Inequality 1038 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                     (1,6):2
                                (1,7):-1
                                           (1,8):1
                                                     (1,9):-1
           (2,5):4
(2,4):-4
                     (2,6):1
                                (2,7):3
                                           (2,8):4
                                                      (2,9):0
(3,4):-1
           (3,5): -4
                     (3,6):3
                                (3,7): -3
                                           (3,8):4
                                                      (3,9):1
(4,7):3
           (4,8):4
                     (4,9):3
                                (5,7):-5
                                          (5,8):-1
                                                      (5,9):4
(6,7):3
           (6,8):-4
                     (6,9):1
```

1039. Inequality 1039 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):0
                      (1,6):1
                                 (1,7):1
                                            (1,8):0
                                                       (1,9):1
(2,4):-1
           (2,5):2
                                 (2,7):3
                                            (2,8):2
                                                       (2,9):-1
                      (2,6): -1
(3,4):0
           (3,5):-1
                      (3,6):0
                                 (3,7): -3
                                            (3,8):3
                                                       (3,9):1
(4,7):2
           (4,8):1
                      (4,9):1
                                 (5,7): -2
                                            (5,8):-1
                                                       (5,9):2
(6,7):1
           (6,8):1
                      (6,9):0
```

1040. Inequality 1040 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):3
                     (1,6): -1
                                 (1,7):3
                                            (1,8):1
                                                      (1,9): -2
(1,4):2
(2,4):-3
           (2,5):2
                                 (2,7):3
                                                       (2,9):1
                      (2,6):1
                                            (2,8):4
(3,4):0
           (3,5):0
                      (3,6):1
                                (3,7):-4
                                            (3,8):4
                                                      (3,9):-1
(4,7):1
           (4,8):3
                      (4,9):3
                                (5,7):-4
                                           (5,8):-3
                                                       (5,9):2
(6,7):1
           (6,8): -1
                      (6,9):1
```

1041. Inequality 1041 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-3
           (1,5): -2
                     (1,6):1
                                (1,7):1
                                           (1,8):2
                                                      (1,9):3
(2,4):-1
           (2,5):4
                     (2,6):1
                                (2,7):4
                                           (2,8):4
                                                      (2,9):-2
(3,4):1
           (3,5):0
                     (3,6):1
                                (3,7):-5
                                           (3,8):4
                                                      (3,9):-1
(4,7):3
                                                      (5,9):3
           (4,8):3
                     (4,9):3
                                (5,7): -3
                                           (5,8): -2
(6,7):0
           (6,8):-1
                     (6,9):0
```

1042. Inequality 1042 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):1
                     (1,6):3
                                (1,7):2
                                           (1,8): -1
                                                      (1,9): -2
(2,4):-4
           (2,5):5
                                (2,7):3
                     (2,6): -2
                                           (2,8):4
                                                      (2,9):0
(3,4):-1
           (3,5):3
                                (3,7):-2
                                                      (3,9):-2
                     (3,6):1
                                           (3,8):3
                                           (5,8):-4
(4,7):2
           (4,8):3
                     (4,9):3
                                (5,7): -2
                                                      (5,9):5
(6,7):-1
           (6,8):1
                     (6,9):2
```

1043. Inequality 1043 with incidence 31 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,5):-1
                     (1,6): -2
                                (1,7):-1
                                            (1,8):1
(1,4):1
                                                       (1,9):2
(2,4):-3
           (2,5):4
                     (2,6): -2
                                 (2,7):2
                                            (2,8):3
                                                      (2,9):0
                                (3,7):-1
(3,4):0
           (3,5):3
                      (3,6):2
                                            (3.8):3
                                                      (3,9):-3
(4,7):2
           (4,8):2
                      (4,9):2
                                (5,7):-1
                                           (5,8): -3
                                                      (5,9):4
(6,7):-1
           (6,8):0
                      (6,9):3
```

1044. Inequality 1044 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):2
                                           (1,8):0
                                                      (1,9):1
(1,4):-1
           (1,5):1
                                (1,7):-1
(2,4):-2
           (2,5):2
                                (2,7):2
                                           (2,8):2
                                                      (2,9):-1
                     (2,6): -1
                     (3,6):0
(3,4):0
           (3,5):2
                                (3,7): -2
                                           (3,8):2
                                                      (3,9): -2
(4,7):1
           (4,8):3
                     (4,9):3
                                (5,7):0
                                           (5,8):-2
                                                      (5,9):3
(6,7):2
           (6,8):1
                     (6,9): -2
```

1045. Inequality 1045 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):1
                     (1,6):2
                                 (1,7):2
                                           (1,8): -2
                                                      (1,9): -2
(2,4):-3
                                                      (2,9):-2
           (2,5):5
                     (2,6): -2
                                (2,7):3
                                            (2,8):5
(3,4):-1
           (3,5):3
                     (3,6):1
                                (3,7): -2
                                           (3,8):3
                                                      (3,9): -2
(4,7):2
           (4,8):4
                     (4,9):3
                                (5,7): -2
                                           (5,8):-4
                                                       (5,9):5
           (6,8):2
(6,7):-1
                      (6,9):0
```

1046. Inequality 1046 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):0
                                (1,7):-1
(1,4):-1
                     (1,6): -2
                                           (1,8):2
                                                      (1,9):2
(2,4):-4
           (2,5):5
                     (2,6):2
                                (2,7):5
                                           (2,8):3
                                                      (2,9):-1
(3,4):0
           (3,5):2
                                (3,7):-2
                                                      (3,9):-2
                     (3,6): -2
                                           (3,8):4
                                           (5,8):-5
                                                      (5,9):5
(4,7):4
           (4,8):4
                     (4,9):5
                                (5,7): -3
(6,7): -3
           (6,8):4
                     (6,9):1
```

1047. Inequality 1047 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5): -3
                      (1,6): -2
                                 (1,7):-1
                                             (1,8):3
                                                        (1,9):4
           (2,5):6
(2,4):-2
                      (2,6): -2
                                 (2,7):4
                                                        (2,9): -2
                                             (2,8):4
(3,4):-1
           (3,5):3
                      (3,6):4
                                 (3,7): -3
                                             (3,8):5
                                                        (3,9): -4
(4,7):1
           (4,8):3
                      (4,9):2
                                 (5,7): -3
                                            (5,8):-3
                                                        (5,9):6
(6,7):2
                      (6,9):2
           (6,8):0
```

1048. Inequality 1048 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):0
           (1,5):2
                      (1,6):2
                                 (1,7):2
                                            (1,8):2
                                                       (1,9): -4
(2,4):-5
           (2,5):1
                                 (2,7):5
                                            (2,8):1
                                                       (2,9):4
                      (2,6):-4
(3,4): -2
           (3,5): -2
                      (3,6):2
                                 (3,7): -3
                                            (3,8):3
                                                       (3,9):2
(4,7):3
           (4,8):5
                      (4,9):5
                                 (5,7): -3
                                            (5,8):-1
                                                       (5,9):3
(6,7):4
           (6,8):-4
                      (6,9):4
```

1049. Inequality 1049 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-2
           (1,5):1
                                 (1,7):1
                                            (1,8):1
                                                       (1,9):0
                      (1,6):1
(2,4):-3
                                 (2,7):3
                                                      (2,9):2
           (2,5):1
                      (2,6): -2
                                            (2,8):1
(3,4): -2
           (3,5):-1
                      (3,6):1
                                (3,7):-2
                                            (3,8):2
                                                      (3,9):2
(4,7):2
           (4,8):3
                      (4,9):4
                                (5,7):-2
                                           (5,8): -2
                                                      (5,9):3
(6,7):2
           (6,8):-1
                      (6,9):1
```

1050. Inequality 1050 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):1
                     (1,6):2
                                (1,7):0
                                                      (1,9):1
                                           (1,8):-1
(2,4): -2
           (2,5):1
                     (2,6): -1
                                (2,7):1
                                           (2,8):1
                                                      (2,9):0
(3,4):-1
           (3,5):0
                     (3,6):2
                                (3,7):-1
                                           (3,8):2
                                                      (3,9):2
(4,7):2
                                                      (5,9):2
           (4,8):1
                     (4,9):3
                                (5,7):-1
                                           (5,8):-1
                     (6,9): -2
(6,7):1
           (6,8):0
```

1051. Inequality 1051 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4): -2
           (1,5): -1
                      (1,6):1
                                 (1,7):1
                                            (1,8):1
                                                       (1,9):0
(2,4):3
           (2,5):2
                                                       (2,9):-1
                      (2,6):2
                                 (2,7): -3
                                            (2,8):-1
(3,4):2
           (3,5):0
                                 (3,7):2
                                            (3,8):-2
                                                       (3,9):-1
                      (3,6): -1
                                 (5,7):2
(4,7):2
           (4,8):3
                                            (5,8):2
                                                       (5,9): -3
                      (4,9):4
(6,7):2
           (6,8): -1
                      (6,9):1
```

1052. Inequality 1052 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):2
           (1,5):1
                                 (1,7):-1
                                            (1,8):2
                                                       (1,9): -2
(1,4):0
(2,4):-3
           (2,5):3
                      (2,6): -1
                                 (2,7):3
                                            (2,8):2
                                                       (2,9):0
                                 (3,7):-1
                                            (3,8):2
(3,4):-1
           (3,5):0
                      (3,6):1
                                                       (3,9):1
(4,7):2
           (4,8):4
                      (4,9):4
                                 (5,7): -3
                                            (5,8): -3
                                                       (5,9):4
           (6,8): -3
(6,7):2
                      (6,9):1
```

1053. Inequality 1053 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,9): -2
(1,4):1
           (1,5):0
                      (1,6):2
                                 (1,7):3
                                           (1,8):2
(2,4):2
           (2,5):-2
                                 (2,7):2
                                                      (2,9):0
                      (2,6): -1
                                           (2,8):1
(3,4):2
                      (3,6):1
           (3,5):0
                                 (3,7):-3
                                           (3,8):4
                                                      (3,9): -2
(4,7):-1
           (4,8):-2
                      (4,9):2
                                                      (5,9):3
                                 (5,7):2
                                           (5,8):3
(6,7):-1
           (6,8): -2
                      (6,9):1
```

1054. Inequality 1054 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):0
           (1,5):2
                      (1,6):1
                                 (1,7):-1
                                            (1,8):1
                                                      (1,9):-1
(2,4):-4
           (2,5):3
                      (2,6): -2
                                 (2,7):4
                                            (2,8):3
                                                       (2,9):2
(3,4):-3
           (3,5): -1
                      (3,6):2
                                (3,7):-3
                                            (3,8):3
                                                       (3,9):2
                                (5,7):-2
(4,7):1
           (4,8):4
                      (4,9):4
                                           (5,8):-4
                                                       (5,9):4
(6,7):3
           (6,8): -1
                      (6,9):1
```

1055. Inequality 1055 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):-1
                                 (1,7):1
(1,4):-1
                     (1,6): -2
                                           (1,8):1
                                                      (1,9):2
(2,4):-3
           (2,5):2
                      (2,6):1
                                 (2,7):3
                                           (2,8):3
                                                      (2,9):0
(3,4):-2
           (3,5):0
                                (3,7):-3
                                           (3,8):3
                                                      (3,9):0
                      (3,6):2
(4,7):1
           (4,8):3
                      (4,9):2
                                (5,7): -2
                                           (5,8):-1
                                                      (5,9):2
(6,7):2
           (6,8):-1
                      (6,9):2
```

1056. Inequality 1056 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                      (1,6):2
                                 (1,7):-1
                                            (1,8):3
                                                       (1,9):-3
           (2,5):4
                                 (2,7):3
(2,4):-3
                      (2,6): -1
                                            (2,8):3
                                                       (2,9):0
(3,4): -2
           (3,5): -3
                      (3,6):1
                                 (3,7): -2
                                            (3,8):3
                                                       (3,9):3
(4,7):2
           (4,8):3
                      (4,9):3
                                 (5,7):-3
                                            (5,8):-2
                                                       (5,9):4
(6,7):1
           (6,8): -2
                      (6,9):1
```

1057. Inequality 1057 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):1
                      (1,6):2
                                 (1,7):-1
                                            (1,8):1
                                                       (1,9): -2
(2,4):-2
           (2,5):3
                                 (2,7):2
                                            (2,8):2
                                                       (2,9):0
                      (2,6):-1
(3,4):-2
           (3,5):0
                      (3,6):2
                                 (3,7): -2
                                            (3,8):3
                                                       (3,9):1
(4,7):1
           (4,8):3
                      (4,9):3
                                 (5,7):-2
                                            (5,8): -3
                                                       (5,9):3
(6,7):2
           (6,8): -2
                      (6,9):1
```

1058. Inequality 1058 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):3
           (1,5):3
                     (1,6):2
                                (1,7):3
                                           (1,8): -3
                                                      (1,9):-4
(2,4): -6
          (2,5):5
                     (2,6):1
                                (2,7):6
                                           (2,8):5
                                                      (2,9):1
(3,4):0
           (3,5):2
                     (3,6): -2
                                (3,7):-2
                                           (3,8):4
                                                      (3,9): -2
(4,7):3
           (4,8):6
                     (4,9):6
                                (5,7):-5
                                           (5,8):-4
                                                      (5,9):5
(6,7): -3
           (6,8):4
                     (6,9): -2
```

1059. Inequality 1059 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):3
           (1,5):3
                     (1,6):2
                                (1,7):3
                                           (1,8): -3
                                                      (1,9):-4
(2,4):-5
           (2,5):4
                     (2,6):0
                                (2,7):5
                                           (2,8):5
                                                      (2,9):1
(3,4):0
          (3,5):2
                     (3,6): -2
                                (3,7): -2
                                           (3,8):4
                                                      (3,9):-2
(4,7):2
                     (4,9):5
                                           (5,8):-3
                                                      (5,9):4
          (4,8):5
                                (5,7):-4
(6,7):-2
          (6,8):4
                     (6,9): -2
```

1060. Inequality 1060 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
          (1,5):-1
                      (1,6):1
                                (1,7):-1
                                           (1,8):-1
                                                      (1,9):1
(2,4):-1
           (2,5):1
                      (2,6):2
                                (2,7):3
                                           (2,8):2
                                                      (2,9):1
(3,4):0
           (3,5):1
                                (3,7):-3
                                           (3,8):3
                                                      (3,9):1
                      (3,6):2
(4,7):2
                      (4,9):1
                                           (5,8): -2
                                                      (5,9):2
           (4,8):1
                                (5,7):-1
(6,7):0
          (6,8):-1
                     (6,9): -2
```

1061. Inequality 1061 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):1
                                 (1,7):-2
(1,4):3
           (1,5):2
                                            (1,8):0
                                                      (1,9):-2
(2,4):-2
           (2,5):3
                      (2,6): -1
                                 (2,7):3
                                            (2,8):3
                                                       (2,9): -2
                                 (3,7):-3
                                                       (3,9):2
(3,4):-1
           (3,5):0
                      (3,6):2
                                            (3.8):4
(4,7):4
           (4,8):3
                      (4,9):3
                                (5,7):-1
                                           (5,8): -3
                                                       (5,9):3
(6,7):1
           (6,8):-1
                      (6,9): -2
```

1062. Inequality 1062 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-2
           (1,5): -2
                      (1,6):1
                                 (1,7):1
                                           (1,8):-1
                                                      (1,9):3
(2,4):-2
                                (2,7):2
                                           (2,8):2
                                                      (2,9):0
           (2,5):3
                      (2,6):1
          (3,5):-1
                     (3,6):1
(3,4):0
                                (3,7):-2
                                           (3,8):2
                                                      (3,9):2
(4,7):3
           (4,8):1
                     (4,9):2
                                           (5,8):-2
                                                      (5,9):3
                                (5,7):-1
(6,7):1
                     (6,9): -2
           (6,8):0
```

1063. Inequality 1063 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):1
                     (1,6):2
                                (1,7):0
                                           (1,8):-1
                                                      (1,9): -2
(2,4):-1
           (2,5):2
                                           (2,8):2
                                                      (2,9):-1
                     (2,6): -1
                                (2,7):1
(3,4):-1
           (3,5):0
                     (3,6):1
                                (3,7):-1
                                           (3,8):2
                                                      (3,9):1
(4,7):2
           (4,8):2
                                (5,7):-1
                                                      (5,9):2
                     (4,9):2
                                           (5,8): -2
(6,7):-1
           (6,8):1
                     (6,9):0
```

1064. Inequality 1064 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
                                (1,7):1
                                          (1,8):-1
                                                     (1,9):-3
           (1,5):2
                     (1,6):1
(2,4):-4
           (2,5):3
                     (2,6):1
                                (2,7):3
                                           (2,8):3
                                                     (2,9):0
(3,4):1
           (3,5): -2
                               (3,7):-3
                                          (3,8):3
                                                     (3,9):-2
                     (3,6):3
(4,7):2
           (4,8):3
                     (4,9):4
                               (5,7):-4
                                           (5,8):0
                                                     (5,9):3
(6,7):1
           (6,8): -2
                     (6,9):2
```

1065. Inequality 1065 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                     (1,6):1
                                (1,7):1
                                           (1,8):-1
                                                      (1,9): -2
(2,4):-3
           (2,5):3
                     (2,6):1
                                (2,7):2
                                           (2,8):3
                                                      (2,9):0
(3,4):0
          (3,5): -2
                     (3,6):2
                                (3,7): -2
                                           (3,8):3
                                                      (3,9):-1
(4,7):2
           (4,8):3
                     (4,9):3
                                (5,7):-4
                                           (5,8):0
                                                      (5,9):3
(6,7):1
           (6,8): -2
                     (6,9):1
```

1066. Inequality 1066 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-3
           (1,5): -1
                      (1,6): -1
                                 (1,7):2
                                            (1,8):1
                                                       (1,9):2
(2,4):-2
           (2,5):3
                                 (2,7):4
                                            (2,8):3
                                                       (2,9):-1
                      (2,6):1
(3,4):-1
           (3,5):0
                      (3,6):2
                                 (3,7):-4
                                            (3,8):5
                                                       (3,9):2
(4,7):4
           (4,8):3
                      (4,9):3
                                (5,7):-2
                                            (5,8): -3
                                                       (5,9):3
(6,7):0
           (6,8):-1
                      (6,9):-1
```

1067. Inequality 1067 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                     (1,6):1
                                (1,7):1
                                           (1,8):-1
                                                     (1,9): -2
(2,4):-1
          (2,5):3
                                (2,7):4
                                                      (2,9):1
                     (2,6): -3
                                           (2,8):4
(3,4):-1
          (3,5):0
                     (3,6):3
                                (3,7):-4
                                           (3,8):4
                                                     (3,9): -2
(4,7):0
          (4,8):2
                     (4,9):1
                                (5,7):-4
                                          (5,8):-2
                                                      (5,9):3
(6,7):3
           (6,8):1
                     (6,9):3
```

1068. Inequality 1068 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):2
                     (1,6):6
                               (1,7):-4
                                           (1,8):4
                                                     (1,9): -6
(2,4):-5
           (2,5):3
                     (2,6):2
                                (2,7):3
                                          (2,8):3
                                                     (2,9):0
(3,4):-3
           (3,5):-4
                     (3,6):4
                               (3,7):-5
                                          (3,8):4
                                                     (3,9):4
(4,7):5
                                                     (5,9):5
           (4,8):6
                     (4,9):5
                               (5,7):-5
                                          (5,8):-1
                     (6,9):2
(6,7):6
           (6,8):-4
```

1069. Inequality 1069 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):1
                      (1,6):3
                                (1,7):-2
                                            (1,8):1
                                                      (1,9): -3
(2,4):-1
           (2,5):3
                                 (2,7):2
                                            (2,8):2
                     (2,6): -1
                                                      (2,9):-1
(3,4):-2
           (3,5):0
                                (3,7):-2
                                                      (3,9):1
                      (3,6):2
                                            (3,8):3
                                                       (5,9):3
(4,7):1
           (4,8):3
                                (5,7):-2
                                           (5,8):-3
                      (4,9):3
(6,7):3
           (6,8): -2
                      (6,9):1
```

1070. Inequality 1070 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-2
           (1,5): -2
                      (1,6):0
                                 (1,7):2
                                            (1,8):-2
                                                       (1,9):4
(2,4):-3
           (2,5):5
                      (2,6):1
                                 (2,7):4
                                            (2,8):4
                                                       (2,9):-1
                                 (3,7):-3
                                                       (3,9):4
(3,4):-1
           (3,5): -3
                      (3,6):2
                                            (3.8):3
(4,7):3
           (4,8):2
                      (4,9):3
                                 (5,7): -3
                                            (5,8): -2
                                                       (5,9):5
(6,7):1
           (6,8):-1
                      (6,9):-1
```

1071. Inequality 1071 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):3
                                (1,7):2
                                           (1,8):-1
                                                      (1,9): -2
(1,4):-1
           (1,5):1
(2,4):-5
           (2,5):5
                                (2,7):5
                                           (2,8):5
                                                      (2,9):0
                     (2,6):0
(3,4):-1
           (3,5):3
                     (3,6): -1
                                (3,7): -3
                                           (3,8):4
                                                      (3,9): -2
(4,7):4
           (4,8):5
                     (4,9):4
                                (5,7):-3
                                           (5,8): -6
                                                      (5,9):6
(6,7):-3
                     (6,9):2
           (6,8):3
```

1072. Inequality 1072 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):0
                     (1,6): -2
                                (1,7):-1
                                            (1,8):1
                                                       (1,9):1
                                                      (2,9):-1
(2,4):-5
                                (2,7):6
           (2,5):6
                     (2,6):1
                                            (2,8):5
(3,4):-1
           (3,5):3
                     (3,6): -1
                                (3,7): -3
                                           (3,8):4
                                                      (3,9): -2
(4,7):4
           (4,8):5
                     (4,9):4
                                (5,7): -3
                                           (5,8): -6
                                                       (5,9):6
(6,7): -3
           (6,8):3
                     (6,9):2
```

1073. Inequality 1073 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):1
                                (1,7):2
                                           (1,8):-1
                                                      (1,9):-1
(1,4):-1
                     (1,6):2
(2,4):-4
                     (2,6):1
          (2,5):3
                                (2,7):3
                                           (2,8):3
                                                      (2,9):0
(3,4):-2
          (3,5):2
                                (3,7):-2
                                           (3,8):4
                                                      (3,9):0
                     (3,6): -2
                                           (5,8): -4
(4,7):3
          (4,8):4
                     (4,9):4
                                (5,7): -2
                                                      (5,9):4
(6,7): -2
           (6,8):2
                     (6,9):1
```

1074. Inequality 1074 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):0
                      (1,6):3
                                 (1,7):3
                                           (1,8):2
                                                     (1,9):-3
(2,4):2
                     (2,6): -1
           (2,5): -3
                                 (2,7):3
                                           (2,8):2
                                                      (2,9):1
(3,4):2
           (3,5):0
                     (3,6):-1
                                (3,7):-4
                                           (3,8):4
                                                     (3,9):-1
(4,7):-1
          (4,8):-2
                      (4,9):2
                                 (5,7):3
                                           (5,8):3
                                                      (5,9):3
(6,7):-2
                      (6,9):2
          (6,8):-1
```

1075. Inequality 1075 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):2
                     (1,6):1
                                (1,7):2
                                           (1,8): -2
                                                      (1,9): -3
(2,4):-5
           (2,5):5
                                (2,7):5
                                           (2,8):4
                                                      (2,9):0
                     (2,6):1
(3,4):0
          (3,5):2
                     (3,6): -2
                                (3,7): -2
                                           (3,8):4
                                                      (3,9): -2
(4,7):3
           (4,8):5
                     (4,9):5
                                (5,7):-4
                                           (5,8):-4
                                                      (5,9):5
(6,7):-2
           (6,8):3
                     (6,9):-1
```

1076. Inequality 1076 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):1
                     (1,6):2
                                (1,7):1
                                           (1,8):-1
                                                      (1,9): -2
(2,4):-2
          (2,5):2
                     (2,6):1
                                (2,7):2
                                                      (2,9):0
                                           (2,8):1
                     (3,6): -1
(3,4):0
          (3,5):1
                                (3,7):-1
                                           (3,8):2
                                                      (3,9):-1
(4,7):2
          (4,8):2
                     (4,9):3
                                (5,7): -2
                                           (5,8):-3
                                                      (5,9):3
(6,7): -2
          (6,8):3
                     (6,9):1
```

1077. Inequality 1077 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-3
           (1,5): -2
                      (1,6):1
                                 (1,7): -3
                                             (1,8):2
                                                        (1,9):5
(2,4): -6
           (2,5):7
                      (2,6): -1
                                 (2,7):6
                                             (2,8):7
                                                       (2,9):-1
(3,4):0
           (3,5):5
                      (3,6):2
                                 (3,7):-4
                                             (3,8):6
                                                       (3,9): -5
(4,7):3
           (4,8):6
                      (4,9):6
                                 (5,7): -3
                                            (5,8): -6
                                                        (5,9):7
(6,7):1
           (6,8): -1
                      (6,9):0
```

1078. Inequality 1078 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
          (1,5): -1
                      (1,6):1
                                 (1,7):1
                                           (1,8):0
                                                      (1,9): -2
(2,4):2
                                (2,7):-2
           (2,5):2
                     (2,6): -1
                                           (2,8):-2
                                                      (2,9):1
                                           (3,8):-3
(3,4):0
           (3,5):2
                      (3,6):1
                                (3,7):2
                                                      (3,9):2
(4,7):1
           (4,8):3
                      (4,9):3
                                                      (5,9): -3
                                 (5,7):1
                                           (5,8):3
(6,7):-1
           (6,8):1
                      (6,9):1
```

1079. Inequality 1079 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):2
                     (1,6):3
                                (1,7):3
                                           (1,8):-1
                                                      (1,9): -2
(2,4):-4
          (2,5):2
                     (2,6):1
                                (2,7):3
                                           (2,8):3
                                                      (2,9):1
(3,4):-2
          (3,5):2
                                (3,7):-2
                                                      (3,9):0
                     (3,6): -2
                                           (3,8):4
(4,7):3
          (4,8):4
                     (4,9):4
                                (5,7): -2
                                           (5,8):-4
                                                      (5,9):4
           (6,8):2
(6,7): -3
                     (6,9):1
```

1080. Inequality 1080 with incidence 31 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,6):1
                                 (1,7):2
(1,4):1
           (1,5):2
                                            (1,8): -3
                                                       (1,9):-1
(2,4):-2
           (2,5): -3
                                                       (2,9):1
                      (2,6):0
                                 (2,7):3
                                            (2,8):3
                      (3,6):1
(3,4):-1
           (3,5):0
                                 (3,7):-1
                                            (3,8):1
                                                       (3,9):0
(4,7):1
           (4,8):3
                      (4,9): -2
                                            (5,8):3
                                                       (5,9):3
                                 (5,7):1
           (6,8):1
(6,7):0
                      (6,9): -1
```

1081. Inequality 1081 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):-1
                      (1,6):1
                                 (1,7):0
                                           (1,8):-1
                                                      (1,9):2
(2,4):-4
                                                      (2,9):2
           (2,5):2
                      (2,6): -2
                                 (2,7):4
                                            (2,8):2
(3,4):-2
                      (3,6):2
           (3,5):1
                                (3,7):-2
                                            (3,8):4
                                                      (3,9):1
(4,7):2
           (4,8):3
                      (4,9):4
                                (5,7): -2
                                           (5,8): -3
                                                      (5,9):3
(6,7):2
           (6,8):-1
                      (6,9):0
```

1082. Inequality 1082 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):-2
(1,4):1
           (1,5):2
                      (1,6):1
                                             (1,8):2
                                                        (1,9): -2
(2,4):-5
                                                        (2,9):0
           (2,5):5
                      (2,6): -1
                                 (2,7):5
                                             (2,8):4
(3,4): -2
           (3,5):0
                                 (3,7):-2
                      (3,6):2
                                             (3,8):4
                                                        (3,9):2
(4,7):4
           (4,8):5
                      (4,9):5
                                 (5,7): -3
                                            (5,8): -6
                                                        (5,9):6
(6,7):2
           (6,8): -3
                      (6,9): -1
```

1083. Inequality 1083 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):0
           (1,5):2
                      (1,6):1
                                 (1,7):-2
                                            (1,8):2
                                                       (1,9):-1
(2,4):-4
           (2,5):4
                      (2,6): -1
                                 (2,7):4
                                            (2,8):3
                                                       (2,9):0
(3,4):-1
           (3,5):0
                      (3,6):1
                                 (3,7):-1
                                            (3,8):2
                                                       (3,9):1
(4,7):3
           (4,8):4
                      (4,9):4
                                 (5,7): -2
                                            (5,8):-5
                                                       (5,9):5
(6,7):2
           (6,8): -2
                      (6,9):-1
```

1084. Inequality 1084 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):1
(1,4):-1
           (1,5):-1
                                 (1,7):1
                                            (1,8):1
                                                       (1,9):1
(2,4):-3
           (2,5):2
                                 (2,7):2
                                            (2,8):2
                                                       (2,9):0
                      (2,6): -1
(3,4):-1
           (3,5):1
                      (3,6):2
                                 (3,7):-2
                                            (3,8):3
                                                       (3,9):1
(4,7):2
                                            (5,8): -3
           (4,8):3
                      (4,9):2
                                 (5,7):0
                                                       (5,9):3
(6,7):1
           (6,8): -2
                      (6,9):-1
```

1085. Inequality 1085 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):2
                      (1,6):2
                                 (1,7):2
                                            (1,8):-1
                                                       (1,9):-1
(1,4):0
(2,4):-2
           (2,5):2
                                            (2,8):2
                                                       (2,9):0
                      (2,6): -1
                                 (2,7):1
(3,4):-1
           (3,5): -1
                      (3,6):1
                                 (3,7):-1
                                            (3,8):1
                                                       (3,9):1
(4,7):2
           (4,8):2
                      (4,9):3
                                 (5,7): -3
                                            (5,8):-1
                                                       (5,9):3
(6,7):-1
           (6,8):1
                      (6,9):0
```

1086. Inequality 1086 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):-1
                      (1,6):2
                                  (1,7):3
                                            (1,8): -2
                                                        (1,9):2
(2,4): -2
           (2,5):4
                      (2,6):1
                                  (2,7):3
                                             (2,8):3
                                                       (2,9):-1
(3,4): -2
           (3,5):-1
                      (3,6):2
                                 (3,7):-2
                                             (3,8):3
                                                        (3,9):2
(4,7):0
           (4,8):4
                      (4,9):2
                                 (5,7): -3
                                            (5,8): -3
                                                        (5,9):4
                      (6,9):-1
           (6,8): -1
(6,7): -1
```

1087. Inequality 1087 with incidence 31 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):-1
           (1,5): -2
                      (1,6): -1
                                 (1,7):2
                                            (1,8): -1
                                                       (1,9):3
(2,4):-7
                                 (2,7):7
                                                       (2,9):2
           (2,5):6
                      (2,6): -1
                                            (2,8):7
(3,4): -6
           (3,5):0
                                 (3,7): -6
                                            (3.8):6
                                                       (3,9):4
                      (3,6):2
(4,7):2
                                            (5,8): -6
                                                       (5,9):6
           (4,8):7
                      (4,9):7
                                 (5,7):-4
(6,7):3
           (6,8):-1
                      (6,9):2
```

1088. Inequality 1088 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5): -2
                      (1,6):1
                                 (1,7):2
(1,4):1
                                            (1,8): -2
                                                       (1,9):2
(2,4):-2
           (2,5):4
                      (2,6):1
                                 (2,7):3
                                            (2,8):3
                                                      (2,9):-1
                                 (3,7):-2
                                                       (3,9):2
(3,4):-1
           (3,5):-1
                      (3,6):2
                                            (3,8):2
(4,7):1
           (4,8):3
                      (4,9):2
                                (5,7):-2
                                           (5,8): -3
                                                       (5,9):4
(6,7):0
           (6,8):-1
                      (6,9):-1
```

1089. Inequality 1089 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6): \overline{3}
                                  (1,7):-2
(1,4):2
            (1,5):1
                                              (1,8):1
                                                         (1,9):-3
(2,4):-1
            (2,5):2
                                                         (2,9):-1
                       (2,6): -1
                                  (2,7):2
                                              (2,8):1
                       (3,6):1
(3,4):-1
           (3,5):0
                                  (3,7):-1
                                              (3,8):2
                                                         (3,9):1
(4,7):2
           (4,8):3
                       (4,9):3
                                  (5,7):-2
                                             (5,8):-2
                                                         (5,9):3
                       (6,9):1
(6,7):3
           (6,8): -3
```

1090. Inequality 1090 with incidence 31 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):1
           (1,5):2
                      (1,6):1
                                 (1,7):-2
                                            (1,8):2
                                                       (1,9): -2
(2,4):-2
           (2,5):3
                      (2,6):0
                                 (2,7):3
                                            (2,8):3
                                                      (2,9):-1
(3,4):-1
           (3,5):0
                      (3,6):1
                                (3,7):-1
                                            (3,8):2
                                                       (3,9):1
(4,7):2
                                (5,7):-1
           (4,8):2
                      (4,9):2
                                           (5,8):-3
                                                       (5,9):3
           (6,8): -2
(6,7):1
                      (6,9): -1
```

1091. Inequality 1091 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):1
(1,4):-2
           (1,5): -2
                      (1,6):1
                                            (1,8):-1
                                                       (1,9):3
                                                       (2,9):0
(2,4):-3
           (2,5):4
                      (2,6):1
                                 (2,7):3
                                            (2,8):3
(3,4):0
                                 (3,7):-3
                                            (3,8):3
                                                       (3,9):2
           (3,5): -2
                      (3,6):0
(4,7):4
           (4,8):2
                      (4,9):3
                                 (5,7): -2
                                            (5,8): -2
                                                       (5,9):4
(6,7):1
           (6,8):1
                      (6,9): -2
```

1092. Inequality 1092 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):3
                      (1,6):3
                                 (1,7):3
                                            (1,8): -3
                                                       (1,9):-1
           (2,5):4
(2,4):-3
                      (2,6): -1
                                 (2,7):3
                                                       (2,9):-1
                                            (2,8):4
(3,4):-1
           (3,5):-1
                      (3,6):1
                                 (3,7):-1
                                            (3,8):1
                                                       (3,9):1
(4,7):2
           (4,8):4
                      (4,9):3
                                 (5,7):-5
                                            (5,8):-1
                                                       (5,9):4
                      (6,9): -2
(6,7): -2
           (6,8):3
```

1093. Inequality 1093 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                      (1,6):4
                                (1,7): -2
                                            (1,8):3
                                                      (1,9): -4
(2,4):-3
                      (2,6):1
                                (2,7):2
                                           (2,8):2
                                                      (2,9):1
           (2,5):1
(3,4):-1
           (3,5): -2
                      (3,6):2
                                (3,7): -3
                                           (3,8):2
                                                      (3,9):2
(4,7):3
           (4,8):3
                      (4,9):3
                                (5,7): -3
                                           (5,8):-1
                                                      (5,9):3
(6,7):3
           (6,8): -3
                      (6,9):1
```

1094. Inequality 1094 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):4
                      (1,6):6
                                (1,7): -2
                                           (1,8):4
                                                      (1,9): -6
(2,4):-5
                      (2,6):2
                                (2,7):3
                                                      (2,9):2
           (2,5):1
                                           (2,8):3
(3,4):-1
           (3,5):-4
                     (3,6):4
                                (3,7):-5
                                           (3,8):4
                                                      (3,9):2
(4,7):5
           (4,8):4
                      (4,9):5
                                (5,7): -5
                                           (5,8):-1
                                                      (5,9):5
(6,7):4
           (6,8): -6
                     (6,9):2
```

1095. Inequality 1095 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):4
                     (1,6):2
                                (1,7):0
                                           (1,8):2
                                                     (1,9): -2
(2,4):-4
           (2,5):3
                     (2,6):0
                                (2,7):4
                                           (2,8):4
                                                     (2,9):1
(3,4):-2
           (3,5):-1
                     (3,6):2
                               (3,7):-4
                                           (3,8):4
                                                     (3,9):1
                                                     (5,9):3
(4,7):2
           (4,8):4
                     (4,9):2
                               (5,7):-5
                                          (5,8):-4
                     (6,9):1
(6,7):3
           (6,8): -2
```

1096. Inequality 1096 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

(1,4):1	(1,5):1	(1,6):2	(1,7):1	(1,8): -2	(1,9): -1
(2,4): -2	(2,5): -2	(2,6):1	(2,7):2	(2,8):1	(2,9):0
(3,4):0	(3,5):0	(3,6):1	(3,7):-1	(3,8):1	(3,9):1
(4,7):1	(4,8):3	(4,9): -3	(5,7):2	(5,8):2	(5,9):3
(6,7): -1	(6,8):1	(6,9):0			

1097. Inequality 1097 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6): -1
(1,4):1
           (1,5):2
                                 (1,7):2
                                           (1,8):1
                                                     (1,9):-1
           (2,5):2
(2,4):-3
                     (2,6): -1
                                 (2,7):3
                                           (2,8):2
                                                      (2,9):1
                                (3,7):-3
(3,4):-1
           (3,5): -3
                      (3,6):3
                                           (3.8):3
                                                      (3,9):1
(4,7):1
           (4,8):2
                      (4,9):2
                                                      (5,9):4
                                (5,7):-5
                                           (5,8):0
           (6,8): -2
(6,7):4
                      (6,9):3
```

1098. Inequality 1098 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,9): -\overline{5}
           (1,5):4
                       (1,6):4
                                  (1,7):0
                                             (1,8): -3
(1,4):2
(2,4):5
           (2,5):-4
                       (2,6):2
                                  (2,7):3
                                              (2,8):4
                                                         (2,9):-2
(3,4):3
           (3,5):3
                      (3,6): -3
                                  (3,7):-3
                                              (3,8):3
                                                         (3,9): -3
(4,7):-2
           (4,8): -3
                       (4,9):5
                                  (5,7):3
                                              (5,8):3
                                                         (5,9):3
(6,7):-1
            (6,8):2
                       (6,9):2
```

1099. Inequality 1099 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):-1
                                 (1,7):5
(1,4):4
           (1,5):6
                                            (1,8):1
                                                      (1,9): -5
                                (2,7):3
(2,4):-4
                                           (2,8):7
                                                      (2,9):3
           (2,5):4
                      (2,6):1
(3,4):0
           (3,5):1
                      (3,6):3
                                (3,7):-5
                                           (3,8):6
                                                      (3,9): -3
(4,7):0
                                (5,7):-5
           (4,8):4
                      (4,9):4
                                           (5,8): -6
                                                      (5,9):2
          (6,8): -2
(6,7):2
                      (6,9):1
```

1100. Inequality 1100 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):1
                                 (1,7):-3
                                            (1,8):4
(1,4):0
                      (1,6):4
                                                       (1,9): -4
           (2,5):6
(2,4):-4
                      (2,6): -1
                                 (2,7):5
                                            (2,8):5
                                                       (2,9):-1
(3,4): -4
                                 (3,7):-2
           (3,5): -4
                      (3,6):0
                                            (3,8):4
                                                       (3,9):6
                                 (5,7):-5
(4,7):2
           (4,8):6
                      (4,9):4
                                            (5,8): -2
                                                       (5,9):6
(6,7):3
           (6,8): -3
                      (6,9):3
```

1101. Inequality 1101 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):4
           (1,5):4
                     (1,6):1
                                (1,7):3
                                          (1,8):-1
                                                     (1,9):-5
           (2,5):4
(2,4):-4
                     (2,6):1
                                (2,7):3
                                          (2,8):5
                                                     (2,9):1
(3,4):0
           (3,5):0
                     (3,6):3
                               (3,7): -3
                                          (3,8):3
                                                     (3,9):-3
(4,7):0
           (4,8):4
                     (4,9):4
                               (5,7):-5
                                          (5,8):-3
                                                     (5,9):2
(6,7):2
          (6,8): -2
                     (6,9):3
```

1102. Inequality 1102 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):4
           (1,5):4
                     (1,6):1
                                (1,7):3
                                           (1,8):0
                                                     (1,9): -4
(2,4):-4
                                (2,7):3
                                           (2,8):5
                                                      (2,9):1
           (2,5):4
                     (2,6):1
(3,4):-1
           (3,5):0
                     (3,6):3
                                (3,7): -3
                                           (3,8):4
                                                     (3,9):-3
(4,7):0
           (4,8):4
                     (4,9):3
                                (5,7):-4
                                          (5,8):-3
                                                      (5,9):1
                     (6,9):2
(6,7):1
           (6,8): -2
```

1103. Inequality 1103 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):2
                     (1,6):2
                               (1,7):-2
                                          (1,8):2
                                                    (1,9): -4
(1,4):4
                     (2,6):2
                                                    (2,9):-1
(2,4):-5
           (2,5):4
                                (2,7):4
                                          (2,8):4
(3,4):-3
          (3,5): -6
                     (3,6):4
                               (3,7):-4
                                          (3,8):6
                                                     (3,9):3
(4,7):5
           (4,8):4
                     (4,9):5
                               (5,7):-5
                                          (5,8):0
                                                     (5,9):5
(6,7):2
           (6,8):-4
                     (6,9):2
```

1104. Inequality 1104 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4): -2
          (1,5):-1
                                (1,7):1
                                           (1,8):1
                                                     (1,9):2
                     (1,6):1
(2,4):0
           (2,5):3
                     (2,6):3
                                (2,7):0
                                          (2,8):2
                                                     (2,9): -2
(3,4):0
          (3,5): -3
                     (3,6):3
                                (3,7): -3
                                          (3,8):2
                                                     (3,9):1
(4,7):2
                                                     (5,9):3
          (4,8):2
                     (4,9):2
                               (5,7):-2
                                          (5,8):0
(6,7):2
                     (6,9):0
          (6,8): -3
```

1105. Inequality 1105 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-4
           (1,5): -2
                     (1,6): -4
                                 (1,7):4
                                            (1,8):0
                                                      (1,9):6
(2,4):0
           (2,5):5
                     (2,6): -2
                                                      (2,9):-3
                                 (2,7):3
                                            (2,8):3
(3,4):-3
           (3,5):2
                      (3,6):2
                                (3,7):-3
                                                      (3,9):1
                                            (3,8):5
                                                      (5,9):5
(4,7):1
           (4,8):5
                      (4,9):5
                                (5,7):-1
                                           (5,8):-5
(6,7):4
           (6,8): -2
                      (6,9):2
```

1106. Inequality 1106 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):2
                     (1,6): -2
                                 (1,7):0
                                                      (1,9):-4
(1,4):2
                                            (1,8):2
(2,4):4
           (2,5):2
                      (2,6):3
                                (2,7):-1
                                           (2,8):-1
                                                      (2,9): -3
                                (3,7):-1
                                                       (3,9):4
(3,4):-3
           (3,5):0
                      (3,6):4
                                            (3.8):4
(4,7):3
           (4,8):2
                      (4,9):6
                                (5,7):-2
                                           (5,8): -2
                                                       (5,9):4
           (6,8):-1
                      (6,9): -3
(6,7):1
```

1107. Inequality 1107 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6): \overline{3}
                                 (1,7):1
                                            (1,8):0
                                                       (1,9):-4
(1,4):4
           (1,5):4
(2,4):-7
                                            (2,8):5
                                                       (2,9):1
           (2,5):4
                      (2,6):2
                                 (2,7):5
                      (3,6):6
(3,4):-1
           (3,5): -4
                                 (3,7):-5
                                            (3,8):5
                                                       (3,9):-1
(4,7):3
           (4,8):5
                      (4,9):4
                                 (5,7):-7
                                            (5,8):0
                                                       (5,9):3
(6,7):3
           (6,8): -5
                      (6,9):3
```

1108. Inequality 1108 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):3
           (1,5):3
                      (1,6):1
                                (1,7):2
                                           (1,8):0
                                                      (1,9):-3
                                                      (2,9):1
(2,4):-3
                                (2,7):2
           (2,5):3
                      (2,6):1
                                           (2,8):4
(3,4):-1
           (3,5):0
                     (3,6):2
                                (3,7): -2
                                           (3,8):3
                                                      (3,9): -2
(4,7):0
                                (5,7): -3
           (4,8):3
                      (4,9):2
                                           (5,8): -2
                                                      (5,9):1
           (6,8): -2
(6,7):1
                      (6,9):1
```

1109. Inequality 1109 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):3
(1,4):4
           (1,5):4
                     (1,6):2
                                           (1,8):0
                                                     (1,9):-5
(2,4):-4
           (2,5):4
                     (2,6):1
                                (2,7):3
                                           (2,8):5
                                                     (2,9):1
(3,4):-1
                               (3,7):-3
                                                     (3,9):-3
           (3,5):-1
                     (3,6):4
                                          (3,8):4
                                                     (5,9):1
(4,7):0
           (4,8):4
                     (4,9):3
                               (5,7):-4
                                          (5,8):-2
(6,7):1
           (6,8): -3
                     (6,9):3
```

1110. Inequality 1110 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):3
           (1,5):1
                      (1,6):6
                                 (1,7):3
                                            (1,8): -3
                                                       (1,9):-4
                      (2,6):4
(2,4):-3
           (2,5): -5
                                 (2,7):6
                                            (2,8):3
                                                       (2,9):1
(3,4):-3
           (3,5):5
                      (3,6):2
                                 (3,7): -2
                                            (3,8):3
                                                       (3,9): -5
(4,7):1
           (4,8):3
                      (4,9):-1
                                 (5,7):4
                                            (5,8):0
                                                       (5,9):5
(6,7):-4
           (6,8):0
                      (6,9):4
```

1111. Inequality 1111 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-3
           (1,5):0
                      (1,6):7
                                (1,7):6
                                           (1,8):-4
                                                      (1,9): -6
(2,4):5
                      (2,6):3
                                (2,7):8
                                           (2,8):5
                                                      (2,9):1
           (2,5): -6
(3,4):5
           (3,5):5
                      (3,6):3
                                (3,7): -2
                                           (3,8):4
                                                      (3,9): -9
(4,7):0
           (4,8):-5
                      (4,9):2
                                (5,7):6
                                           (5,8):1
                                                      (5,9):6
(6,7): -6
           (6,8):1
                      (6,9):6
```

1112. Inequality 1112 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):-3
           (1,5): -2
                      (1,6):3
                                            (1,8):2
                                                        (1,9):1
(1,4):3
(2,4):2
                                                       (2,9):-2
           (2,5):4
                      (2,6):2
                                 (2,7):2
                                            (2,8):4
(3,4): -3
           (3,5):1
                      (3,6):3
                                 (3,7):0
                                            (3,8):3
                                                       (3,9):2
(4,7):3
           (4,8): -1
                      (4,9):4
                                 (5,7): -3
                                            (5,8):-3
                                                        (5,9):3
(6,7):1
           (6,8): -5
                      (6,9): -2
```

1113. Inequality 1113 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):3
           (1,5):3
                                 (1,7):-1
                                            (1,8):2
                                                       (1,9): -3
                      (1,6):0
(2,4):-3
           (2,5):3
                      (2,6): -1
                                 (2,7):2
                                            (2,8):2
                                                       (2,9):-1
(3,4):-1
           (3,5):1
                      (3,6):3
                                 (3,7): -2
                                            (3,8):3
                                                       (3,9):2
(4,7):3
           (4,8):1
                      (4,9):3
                                 (5,7):0
                                            (5,8):-4
                                                       (5,9):3
(6,7):2
           (6,8): -2
                      (6,9): -2
```

1114. Inequality 1114 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):3
           (1,5):2
                      (1,6):2
                                 (1,7): -2
                                            (1,8):0
                                                       (1,9): -3
(2,4):-1
                                 (2,7):2
                                            (2,8):2
                                                       (2,9):-1
           (2,5):3
                      (2,6): -1
(3,4):-1
           (3,5):0
                                 (3,7):-2
                                                       (3,9):1
                      (3,6):0
                                            (3,8):2
                                            (5,8):-2
(4,7):2
                                 (5,7):-1
                                                       (5,9):2
           (4,8):3
                      (4,9):2
(6,7):1
           (6,8): -1
                      (6,9):1
```

1115. Inequality 1115 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):3
           (1,5):3
                                (1,7):-4
                                            (1,8):1
                                                      (1,9):-5
(1,4):4
(2,4):0
           (2,5):4
                     (2,6): -1
                                 (2,7):3
                                            (2,8):3
                                                      (2,9): -3
                                (3,7):-3
                                                      (3,9):1
(3,4):-3
           (3,5):0
                      (3,6):3
                                            (3.8):4
(4,7):1
           (4,8):4
                      (4,9):4
                                (5,7):-1
                                           (5,8):-4
                                                       (5,9):4
           (6,8): -2
                      (6,9):1
(6,7):4
```

1116. Inequality 1116 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):4
                                 (1,7):3
(1,4):2
           (1,5):1
                                            (1,8): -3
                                                       (1,9):-3
(2,4):-1
           (2,5):-4
                                                       (2,9):1
                      (2,6):3
                                 (2,7):4
                                            (2,8):3
(3,4): -2
           (3,5):3
                      (3,6):2
                                 (3,7):-1
                                            (3,8):2
                                                       (3,9): -4
(4,7):0
           (4,8):2
                      (4,9):-1
                                 (5,7):3
                                            (5,8):1
                                                       (5,9):4
(6,7): -3
           (6,8): -1
                      (6,9):3
```

1117. Inequality 1117 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):0
                      (1,6):3
                                 (1,7):2
                                            (1,8): -2
                                                       (1,9): -2
(2,4):-1
           (2,5): -3
                      (2,6):2
                                 (2,7):3
                                            (2,8):2
                                                       (2,9):1
(3,4): -2
           (3,5):3
                      (3,6):1
                                 (3,7):-1
                                            (3,8):2
                                                       (3,9): -3
(4,7):1
           (4,8):2
                      (4,9):-1
                                 (5,7):3
                                            (5,8):0
                                                       (5,9):3
                      (6,9):2
(6,7): -2
           (6,8):0
```

1118. Inequality 1118 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):-1
(1,4):3
           (1,5):3
                      (1,6): -1
                                             (1,8):2
                                                       (1,9): -4
(2,4):-4
                                            (2,8):3
           (2,5):3
                      (2,6): -2
                                 (2,7):3
                                                       (2,9):-1
(3,4): -2
                                 (3,7):-3
           (3,5):3
                      (3,6):5
                                            (3,8):5
                                                        (3,9):2
(4,7):4
           (4,8):3
                      (4,9):4
                                 (5,7):1
                                            (5,8):-5
                                                        (5,9):3
(6,7):4
           (6,8): -2
                      (6,9): -4
```

1119. Inequality 1119 with incidence 31 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):-2
           (1,5):1
                      (1,6):3
                                (1,7):3
                                           (1,8):3
                                                      (1,9): -2
(2,4):2
           (2,5): -3
                      (2,6):1
                                (2,7):3
                                           (2,8): -3
                                                      (2,9):0
(3,4):3
           (3,5):2
                      (3,6):2
                                (3,7):-1
                                           (3,8): -2
                                                      (3,9): -4
(4,7):1
           (4,8):4
                      (4,9):2
                                (5,7):3
                                           (5,8):-2
                                                      (5,9):3
(6,7): -3
           (6,8):0
                      (6,9):3
```

1120. Inequality 1120 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):3
                      (1,6):3
                                (1,7):0
                                           (1,8):1
                                                      (1,9): -3
(2,4):-3
           (2,5):2
                      (2,6):2
                                (2,7):1
                                           (2,8):4
                                                      (2,9):2
(3,4):-1
           (3,5): -2
                      (3,6):2
                                (3,7):-1
                                           (3,8):3
                                                      (3,9):-1
(4,7):1
           (4,8):3
                     (4,9):2
                                (5,7): -3
                                           (5,8):-1
                                                      (5,9):1
(6,7):2
           (6,8):-4
                      (6,9):1
```

1121. Inequality 1121 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):2
                                (1,7):1
                                                     (1,9): -3
(1,4):0
                     (1,6):2
                                           (1,8):2
                                (2,7):2
                                                     (2,9):1
(2,4):-2
           (2,5):2
                     (2,6):1
                                           (2,8):0
(3,4):0
          (3,5): -3
                     (3,6):4
                                (3,7): -3
                                           (3,8):3
                                                     (3,9):-1
(4,7):2
           (4,8):3
                     (4,9):3
                                (5,7): -3
                                           (5,8):1
                                                     (5,9):1
(6,7):1
           (6,8): -3
                     (6,9):3
```

1122. Inequality 1122 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):2
                                 (1,7):2
                                           (1,8): -2
                                                      (1,9): -3
                      (1,6):3
(2,4):1
           (2,5):-4
                      (2,6):3
                                 (2,7):2
                                           (2,8):3
                                                      (2,9):1
(3,4):-3
           (3,5):2
                      (3,6):3
                                 (3,7):0
                                           (3,8):2
                                                      (3,9): -4
(4,7):0
                                                      (5,9):4
           (4,8):1
                      (4,9):-1
                                 (5,7):2
                                           (5,8):2
                      (6,9):3
(6,7): -2
           (6,8): -2
```

1123. Inequality 1123 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):3
           (1,5):3
                     (1,6):1
                                (1,7):2
                                          (1,8): -1
                                                     (1,9): -4
                                (2,7):2
(2,4):-3
           (2,5):3
                     (2,6):1
                                           (2,8):3
                                                      (2,9):0
                                                     (3,9):-3
(3,4):0
          (3,5):-1
                               (3,7):-2
                     (3,6):3
                                           (3,8):3
                                                      (5,9):2
(4,7):0
           (4,8):3
                     (4,9):3
                               (5,7): -3
                                           (5,8):0
(6,7):1
          (6,8): -2
                     (6,9):2
```

1124. Inequality 1124 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):4
                     (1,6): -3
                                (1,7):3
                                                     (1,9): -6
(1,4):3
                                           (1,8):1
(2,4):-5
          (2,5):0
                     (2,6): -3
                                (2,7):5
                                           (2,8):5
                                                      (2,9):2
                               (3,7):-5
                                                     (3,9):-2
(3,4):0
          (3,5):4
                     (3,6):3
                                           (3.8):6
(4,7):2
          (4,8):4
                     (4,9):4
                                (5,7):0
                                          (5,8):-4
                                                      (5,9):4
(6,7):5
          (6,8):0
                     (6,9): -2
```

1125. Inequality 1125 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):3
(1,4): -3
           (1,5): -1
                      (1,6): -2
                                            (1,8):0
                                                       (1,9):3
(2,4):-1
                                                       (2,9):-2
           (2,5):3
                      (2,6): -1
                                 (2,7):3
                                            (2,8):2
(3,4): -2
                                 (3,7):-2
                                            (3,8):4
                                                       (3,9):1
           (3,5):1
                      (3,6):2
(4,7):2
           (4,8):3
                      (4,9):3
                                 (5,7):-1
                                                       (5,9):3
                                            (5,8):-3
(6,7):3
           (6,8): -2
                      (6,9):0
```

1126. Inequality 1126 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):3
           (1,5):3
                      (1,6):0
                                 (1,7):-1
                                            (1,8):2
                                                       (1,9): -3
(2,4):-2
           (2,5):3
                      (2,6): -2
                                 (2,7):1
                                            (2,8):2
                                                       (2,9): -2
(3,4): -3
           (3,5):2
                      (3,6):4
                                 (3,7):-1
                                            (3,8):4
                                                       (3,9):2
(4,7):3
           (4,8):2
                      (4,9):3
                                 (5,7):1
                                            (5,8):-4
                                                       (5,9):3
           (6,8): -2
(6,7):3
                      (6,9): -3
```

1127. Inequality 1127 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):0
                                                    (1,9):-3
(1,4):3
           (1,5):3
                     (1,6):3
                                          (1,8):0
          (2,5):3
(2,4):-5
                     (2,6):1
                               (2,7):4
                                          (2,8):4
                                                    (2,9):1
                               (3,7):-4
                                                    (3,9):-1
(3,4):0
          (3,5): -3
                     (3,6):4
                                          (3,8):4
(4,7):4
          (4,8):4
                     (4,9):2
                               (5,7):-5
                                          (5,8):0
                                                    (5,9):2
(6,7):1
          (6,8):-4
                     (6,9):3
```

1128. Inequality 1128 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):4
           (1,5):4
                      (1,6):2
                                 (1,7):-2
                                            (1,8):2
                                                       (1,9): -2
(2,4):-4
           (2,5):5
                                 (2,7):5
                      (2,6): -5
                                            (2,8):3
                                                       (2,9):-4
(3,4):-3
           (3,5):3
                      (3,6):6
                                 (3,7): -3
                                            (3,8):6
                                                       (3,9):3
(4,7):5
           (4,8):4
                      (4,9):4
                                 (5,7):0
                                            (5,8): -6
                                                       (5,9):4
(6,7):5
           (6,8): -3
                      (6,9): -5
```

1129. Inequality 1129 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6): -1
(1,4):-2
           (1,5):2
                                (1,7):2
                                           (1,8):2
                                                      (1,9):1
(2,4):3
          (2,5):0
                                (2,7):2
                                           (2,8):-2
                                                      (2,9): -2
                     (2,6): -1
(3,4):1
          (3,5):2
                     (3,6):2
                                (3,7):-2
                                           (3,8):-1
                                                      (3,9): -2
(4,7):0
                     (4,9):3
          (4,8):3
                                (5,7):0
                                          (5,8): -3
                                                      (5,9):3
(6,7):2
          (6,8):1
                     (6,9):1
```

1130. Inequality 1130 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):0
                      (1,6):2
                                  (1,7):2
                                             (1,8): -2
                                                        (1,9): -4
(1,4):2
(2,4):6
           (2,5):-5
                      (2,6): -2
                                  (2,7):5
                                             (2,8):5
                                                        (2,9):1
(3,4):5
           (3,5):6
                      (3,6): -2
                                 (3,7): -3
                                             (3,8):6
                                                        (3,9): -6
(4,7): -3
           (4,8): -6
                      (4,9):6
                                  (5,7):5
                                             (5,8):-1
                                                        (5,9):5
(6,7): -2
           (6,8):4
                      (6,9):4
```

1131. Inequality 1131 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):4
                      (1,6):4
                                 (1,7):-1
                                                       (1,9): -6
                                            (1,8): -3
(2,4):5
           (2,5): -2
                      (2,6):1
                                 (2,7):3
                                            (2,8):3
                                                       (2,9):-4
(3,4):3
           (3,5):4
                      (3,6): -4
                                 (3,7): -3
                                            (3,8):5
                                                       (3,9):-1
(4,7):-2
           (4,8): -3
                      (4,9):5
                                 (5,7):3
                                            (5,8):1
                                                       (5,9):2
(6,7):0
           (6,8):3
                      (6,9):4
```

1132. Inequality 1132 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-4
           (1,5): -2
                      (1,6):2
                                (1,7):-1
                                            (1,8):2
                                                       (1,9):3
(2,4):-4
           (2,5):4
                                 (2,7):2
                     (2,6): -2
                                            (2,8):4
                                                      (2,9):0
(3,4):0
           (3,5):5
                                (3,7):-2
                                                      (3,9):-4
                      (3,6):4
                                            (3,8):5
(4,7):1
           (4,8):5
                      (4,9):4
                                (5,7):-1
                                           (5,8):-4
                                                      (5,9):4
(6,7):1
           (6,8): -2
                      (6,9):1
```

1133. Inequality 1133 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):5
                     (1,6): -2
                                 (1,7):4
                                           (1,8):2
                                                      (1,9):-5
(1,4):2
(2,4):-3
           (2,5):3
                      (2,6):1
                                 (2,7):3
                                           (2,8):5
                                                      (2,9):3
                                (3,7):-4
(3,4):1
           (3,5):2
                      (3,6):2
                                           (3,8):5
                                                      (3,9):-2
(4,7):1
           (4,8):2
                      (4,9):3
                                (5,7): -3
                                           (5,8):-5
                                                      (5,9):2
(6,7):1
          (6,8):-1
                     (6,9):-1
```

1134. Inequality 1134 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):3
                                 (1,7): -3
(1,4):3
           (1,5): -1
                                            (1,8):3
                                                       (1,9):1
(2,4):0
           (2,5):3
                                            (2,8):2
                                                       (2,9):-2
                      (2,6):1
                                 (2,7):2
(3,4):-3
           (3,5):0
                                (3,7):-1
                                            (3,8):3
                                                       (3,9):2
                      (3,6):3
(4,7):3
           (4,8):0
                      (4,9):3
                                (5,7):-3
                                           (5,8):-2
                                                       (5,9):3
(6,7):2
           (6,8): -4
                      (6,9): -1
```

1135. Inequality 1135 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):3
           (1,5):4
                      (1,6):2
                                 (1,7):-1
                                            (1,8):3
                                                       (1,9): -3
(2,4):-1
           (2,5):1
                      (2,6): -1
                                 (2,7):2
                                            (2,8):1
                                                       (2,9):0
(3,4): -3
           (3,5): -2
                      (3,6):3
                                 (3,7):-2
                                            (3,8):3
                                                       (3,9):3
                                 (5,7):-4
(4,7):4
           (4,8):1
                      (4,9):4
                                            (5,8):-2
                                                       (5,9):3
(6,7):3
           (6,8): -2
                      (6,9): -1
```

1136. Inequality 1136 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):-1
(1,4):3
           (1,5):3
                      (1,6):1
                                            (1,8):3
                                                       (1,9): -3
(2,4):-2
           (2,5):0
                      (2,6): -1
                                 (2,7):1
                                            (2,8):1
                                                       (2,9):1
(3,4):-3
                                 (3,7):-1
           (3,5): -1
                      (3,6):3
                                            (3,8):3
                                                       (3,9):3
                                 (5,7):-3
(4,7):4
           (4,8):1
                      (4,9):5
                                            (5,8): -2
                                                       (5,9):3
(6,7):2
           (6,8): -2
                      (6,9):-1
```

1137. Inequality 1137 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4): -2
           (1,5): -1
                      (1,6): -1
                                  (1,7):2
                                             (1,8):1
                                                        (1,9):1
(2,4):-1
           (2,5):2
                      (2,6): -1
                                 (2,7):2
                                             (2,8):2
                                                       (2,9): -2
(3,4):0
           (3,5):1
                      (3,6):2
                                 (3,7): -3
                                             (3,8):3
                                                        (3,9):1
(4,7):3
           (4,8):2
                      (4,9):2
                                 (5,7):0
                                            (5,8):-2
                                                        (5,9):2
(6,7):2
                      (6,9): -2
           (6,8):0
```

1138. Inequality 1138 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):1
                                (1,7):1
(1,4):1
           (1,5):2
                                           (1,8):1
                                                     (1,9): -2
                                (2,7):4
                                           (2,8):4
                                                     (2,9):-1
(2,4):-4
           (2,5):4
                     (2,6):1
                                                     (3,9):2
(3,4): -2
           (3,5): -6
                     (3,6):4
                                (3,7):-4
                                           (3,8):6
(4,7):3
           (4,8):5
                     (4,9):3
                                (5,7):-7
                                           (5,8):1
                                                     (5,9):6
           (6,8): -5
(6,7):3
                     (6,9):4
```

1139. Inequality 1139 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):3
           (1,5):4
                                 (1,7):-2
                                            (1,8):0
                                                      (1,9): -3
                      (1,6):2
(2,4):4
           (2,5):-2
                                 (2,7):3
                                                      (2,9):-1
                      (2,6):-1
                                            (2,8):3
(3,4):1
           (3,5):-1
                      (3,6):-1
                                 (3,7): -3
                                            (3,8):3
                                                      (3,9):1
(4,7):-1
           (4,8): -3
                      (4,9):2
                                 (5,7):3
                                            (5,8):4
                                                      (5,9):2
(6,7):0
           (6,8):-1
                      (6,9):1
```

1140. Inequality 1140 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4): -3
           (1,5): -2
                      (1,6): -1
                                  (1,7):2
                                             (1,8):1
                                                        (1,9):3
(2,4):-1
           (2,5):4
                      (2,6): -4
                                 (2,7):3
                                             (2,8):0
                                                       (2,9): -2
(3,4):-1
           (3,5):4
                      (3,6):4
                                 (3,7):-4
                                             (3,8):4
                                                        (3,9):1
(4,7):3
           (4,8):3
                      (4,9):3
                                 (5,7):2
                                            (5,8): -3
                                                        (5,9):3
(6,7):4
           (6,8): -3
                      (6,9):0
```

1141. Inequality 1141 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):1
                      (1,6):1
                                 (1,7):1
                                            (1,8):0
                                                      (1,9): -2
(2,4):-3
           (2,5):1
                      (2,6): -2
                                 (2,7):3
                                            (2,8):1
                                                       (2,9):2
                                 (3,7):-1
(3,4):-2
           (3,5):-1
                                                       (3,9):2
                      (3,6):2
                                            (3,8):2
                                 (5,7):-2
                                            (5,8):-2
                      (4,9):4
(4,7):1
           (4,8):3
                                                       (5,9):3
(6,7):2
           (6,8): -2
                      (6,9):1
```

1142. Inequality 1142 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):3
                      (1,6):3
                                 (1,7): -3
                                                       (1,9):-3
(1,4):5
                                            (1,8): -1
(2,4):-2
           (2,5):4
                      (2,6): -4
                                 (2,7):5
                                            (2,8):-1
                                                       (2,9): -2
                                                       (3,9):-1
(3,4):-5
           (3,5):2
                      (3,6):5
                                 (3,7):1
                                            (3,8):2
(4,7):5
           (4,8):1
                      (4,9):2
                                 (5,7): -2
                                            (5,8):0
                                                       (5,9):3
           (6,8):-1
                      (6,9):1
(6,7):4
```

1143. Inequality 1143 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):4
(1,4):4
           (1,5):3
                      (1,6): -1
                                            (1,8): -1
                                                      (1,9):-3
(2,4):-3
           (2,5):3
                                                       (2,9):1
                      (2,6): -1
                                 (2,7):3
                                            (2,8):3
           (3,5):1
(3,4):-1
                                 (3,7):-1
                                            (3,8):2
                                                       (3,9):-1
                      (3,6):0
(4,7):-1
           (4,8):4
                      (4,9):3
                                 (5,7):-4
                                                       (5,9):2
                                           (5,8):-3
(6,7):3
           (6,8):-1
                      (6,9):2
```

1144. Inequality 1144 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):2
                      (1,6):1
                                 (1,7):2
                                            (1,8):-1
                                                       (1,9): -4
(2,4):-5
           (2,5):6
                      (2,6): -3
                                 (2,7):5
                                            (2,8):5
                                                       (2,9):2
(3,4):-4
           (3,5):3
                      (3,6):4
                                 (3,7):-4
                                            (3,8):4
                                                       (3,9): -3
                                 (5,7):-3
(4,7):-1
           (4,8):5
                      (4,9):5
                                            (5,8):-4
                                                       (5,9):6
(6,7):3
           (6,8): -1
                      (6,9):4
```

1145. Inequality 1145 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):-2
                                                       (1,9): -6
(1,4):2
           (1,5):4
                      (1,6):4
                                            (1,8): -2
(2,4):4
           (2,5): -2
                      (2,6):3
                                 (2,7):1
                                            (2,8):3
                                                       (2,9): -3
(3,4):4
                                 (3,7):-1
                                                       (3,9):-3
           (3,5):3
                      (3,6): -3
                                            (3,8):2
(4,7):-2
           (4,8): -2
                      (4,9):6
                                 (5,7):3
                                            (5,8):1
                                                       (5,9):3
(6,7):1
           (6,8):0
                      (6,9):3
```

1146. Inequality 1146 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                      (1,6):2
                                 (1,7):1
                                           (1,8):2
                                                     (1,9):-4
(2,4):-3
           (2,5):2
                     (2,6): -2
                                 (2,7):2
                                           (2,8):2
                                                      (2,9):3
(3,4):-3
          (3,5):-4
                      (3,6):4
                                (3,7):-3
                                           (3,8):4
                                                      (3,9):2
(4,7):1
           (4,8):2
                      (4,9):4
                                (5,7): -3
                                           (5,8):0
                                                      (5,9):3
(6,7):2
           (6,8): -2
                      (6,9):4
```

1147. Inequality 1147 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):7
           (1,5): -2
                      (1,6):5
                                (1,7):-5
                                            (1,8):0
                                                      (1,9):-5
(2,4):-3
           (2,5):6
                      (2,6):5
                                (2,7):-5
                                            (2,8):2
                                                       (2,9):5
(3,4):4
           (3,5):3
                     (3,6): -2
                                (3,7):-1
                                           (3,8):-3
                                                       (3,9):1
(4,7):3
           (4,8):5
                      (4,9):4
                                 (5,7):3
                                            (5,8):3
                                                      (5,9):-5
(6,7):5
           (6,8): -3
                      (6,9):0
```

1148. Inequality 1148 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):-1
           (1,5):2
                      (1,6):1
                                            (1,8):1
                                                       (1,9):-1
(1,4):2
(2,4):-2
                                                       (2,9):0
           (2,5):2
                      (2,6): -1
                                 (2,7):1
                                            (2,8):0
(3,4):-1
           (3,5):0
                      (3,6):2
                                 (3,7):-1
                                            (3,8):2
                                                       (3,9):2
(4,7):2
           (4,8):1
                      (4,9):2
                                 (5,7):0
                                            (5,8):-2
                                                       (5,9):2
(6,7):1
           (6,8): -2
                      (6,9): -1
```

1149. Inequality 1149 with incidence 31 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):-2
           (1,5):0
                                (1,7):2
                                           (1,8):2
                                                      (1,9):1
                     (1,6): -1
(2,4):1
           (2,5):2
                     (2,6): -2
                                (2,7):1
                                           (2,8):0
                                                      (2,9):-2
(3,4):0
           (3,5):2
                     (3,6):2
                                (3,7): -2
                                           (3,8):2
                                                      (3,9):0
(4,7):2
                                                      (5,9):2
           (4,8):2
                     (4,9):1
                                (5,7):-1
                                           (5,8):-1
(6,7):2
           (6,8):1
                     (6,9): -2
```

1150. Inequality 1150 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4): -2
           (1,5):0
                     (1,6): -1
                                (1,7):2
                                           (1,8):4
                                                      (1,9):3
          (2,5):3
                                (2,7):1
(2,4):1
                     (2,6): -3
                                           (2,8):2
                                                      (2,9):-4
          (3,5):3
                                (3,7):-2
                                                      (3,9):0
(3,4):-1
                     (3,6):3
                                           (3,8):3
                                                      (5,9):3
(4,7):1
          (4,8):2
                     (4,9):1
                                (5,7):1
                                           (5,8):-4
(6,7):3
           (6,8):1
                     (6,9): -3
```

1151. Inequality 1151 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):2
                      (1,6):1
                                 (1,7):1
                                                       (1,9): -2
(1,4):2
                                            (1,8): -2
(2,4):2
           (2,5): -1
                      (2,6):1
                                 (2,7):-2
                                            (2,8):-1
                                                       (2,9):1
                                            (3,8):-1
(3,4):3
           (3,5): -2
                      (3,6): -1
                                 (3,7):2
                                                       (3,9):3
                                            (5,8):2
(4,7):-1
           (4,8):3
                      (4,9):-1
                                 (5,7):0
                                                       (5,9):3
(6,7):0
           (6,8):-1
                      (6,9):2
```

1152. Inequality 1152 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6): \overline{2}
                                                            (1,9): -\overline{3}
                                    (1,7):1
(1,4): -2
            (1,5):1
                                                 (1,8):3
(2,4): -6
            (2,5):3
                                                             (2,9):3
                        (2,6): -3
                                    (2,7):6
                                                 (2,8):3
                        (3,6):3
(3,4):-4
            (3,5): -3
                                    (3,7):-4
                                                 (3,8):4
                                                             (3,9):4
(4,7):2
            (4,8):6
                        (4,9):4
                                    (5,7):-4
                                                             (5,9):4
                                                (5,8):-1
                        (6,9):4
(6,7):5
            (6,8): -3
```

1153. Inequality 1153 with incidence 31 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4): -2
           (1,5):1
                      (1,6):2
                                 (1,7):1
                                            (1,8):3
                                                       (1,9): -3
(2,4):-5
           (2,5):2
                      (2,6): -3
                                 (2,7):5
                                            (2,8):2
                                                       (2,9):3
(3,4):-3
           (3,5): -2
                      (3,6):3
                                 (3,7):-3
                                            (3,8):4
                                                       (3,9):3
(4,7):2
                                 (5,7):-3
           (4,8):5
                      (4,9):3
                                            (5,8):-1
                                                       (5,9):3
                      (6,9):3
(6,7):4
           (6,8): -3
```

1154. Inequality 1154 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):-1
                                           (1,8):0
                                                     (1,9):-1
(1,4):1
           (1,5):2
                     (1,6):-1
          (2,5):-2
(2,4):5
                      (2,6):3
                                 (2,7):5
                                           (2,8):2
                                                     (2,9): -3
(3,4):2
                                (3,7):-2
                                                     (3,9):-3
           (3,5):1
                      (3,6):1
                                           (3,8):1
(4,7):-2
           (4,8):-4
                      (4,9):4
                                 (5,7):3
                                           (5,8):2
                                                      (5,9):2
(6,7): -3
           (6,8):3
                      (6,9):3
```

1155. Inequality 1155 with incidence 31 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):1
           (1,5):3
                      (1,6):3
                                 (1,7):2
                                           (1,8):3
                                                      (1,9): -6
(2,4):-4
           (2,5):2
                      (2,6): -2
                                 (2,7):2
                                           (2,8):2
                                                      (2,9):4
(3,4):-4
           (3,5): -6
                      (3,6):5
                                (3,7):-4
                                           (3,8):6
                                                      (3,9):3
(4,7):2
           (4,8):3
                      (4,9):6
                                (5,7):-4
                                           (5,8):1
                                                      (5,9):4
(6,7):2
           (6,8): -3
                      (6,9):5
```

1156. Inequality 1156 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):3
                     (1,6): -1
           (1,5):4
                                (1,7):-1
                                           (1,8):0
                                                     (1,9):-1
(2,4):-3
          (2,5):2
                                (2,7):3
                                           (2,8):4
                                                     (2,9):-1
                     (2,6): -3
(3,4):-3
          (3,5):5
                     (3,6):2
                                (3,7): -3
                                           (3,8):3
                                                      (3,9):0
                     (4,9):1
(4,7):0
          (4,8):4
                                (5,7):3
                                          (5,8):-4
                                                      (5,9):2
(6,7):2
          (6,8):1
                     (6,9):-1
```

1157. Inequality 1157 with incidence 31 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-3
           (1,5):-1
                      (1,6): -1
                                 (1,7):1
                                            (1,8):2
                                                       (1,9):2
           (2,5):3
                                                       (2,9):-2
(2,4):-1
                      (2,6):1
                                 (2,7):4
                                            (2,8):3
(3,4): -2
           (3,5):3
                      (3,6):2
                                 (3,7):-4
                                            (3,8):5
                                                       (3,9):0
(4,7):1
           (4,8):3
                      (4,9):2
                                 (5,7):0
                                            (5,8): -2
                                                       (5,9):3
(6,7):0
           (6,8): -1
                      (6,9): -1
```

1158. Inequality 1158 with incidence 31 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):3
           (1,5):6
                                  (1,7):3
                                             (1,8):0
                                                        (1,9): -3
                      (1,6): -3
(2,4): -6
           (2,5):4
                      (2,6): -5
                                  (2,7):3
                                             (2,8):5
                                                        (2,9):5
(3,4): -2
           (3,5):7
                      (3,6):7
                                  (3,7):0
                                             (3,8):7
                                                        (3,9): -5
(4,7): -3
           (4,8):7
                      (4,9):5
                                 (5,7): -6
                                            (5,8):-7
                                                        (5,9):4
(6,7):3
           (6,8): -2
                      (6,9):6
```

1159. Inequality 1159 with incidence 31 and stabilizer of size 6. Orbit size is 55296 nature: unknown

(1,4):2	(1,5): -2	(1,6): -2	(1,7):2	(1,8):0	(1,9):0
(2,4):1	(2,5):2	(2,6):0	(2,7):2	(2,8): -2	(2,9):1
(3,4):2	(3,5):1	(3,6):0	(3,7): -2	(3,8): -1	(3,9):2
(4,7):0	(4,8):2	(4,9):-1	(5,7):0	(5,8):1	(5,9): -2
(6,7):2	(6,8):2	(6,9):2			

1160. Inequality 1160 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-3
           (1,5):2
                      (1,6):2
                                (1,7):2
                                           (1,8):1
                                                     (1,9):0
(2,4):-2
           (2,5):1
                     (2,6): -1
                                (2,7):2
                                           (2,8):1
                                                     (2,9):1
                                (3,7):-3
                                                     (3,9): -1
(3,4):2
          (3,5):-2
                                           (3,8):2
                      (3,6):2
(4,7):4
                                                     (5,9):3
           (4,8):1
                     (4,9):4
                                (5,7):-4
                                           (5,8):0
(6,7):1
           (6,8):-1
                      (6,9):1
```

1161. Inequality 1161 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6): \overline{2}
            (1,5):2
                                  (1,7):1
                                              (1,8):1
                                                         (1,9):-1
(1,4):-1
(2,4):-5
           (2,5):2
                       (2,6):-4
                                  (2,7):4
                                              (2,8):4
                                                         (2,9):5
(3,4):-3
           (3,5): -2
                       (3,6):3
                                  (3,7):-3
                                              (3,8):4
                                                         (3,9):3
(4,7):1
           (4,8):4
                       (4,9):4
                                  (5,7):-3
                                             (5,8):-4
                                                         (5,9):5
(6,7):2
           (6,8): -1
                       (6,9):2
```

1162. Inequality 1162 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):2
(1,4): -2
           (1,5): -3
                                 (1,7):3
                                            (1,8):1
                                                       (1,9):3
                                                       (2,9): -2
(2,4):-2
                                            (2,8):4
           (2,5):5
                      (2,6):1
                                 (2,7):4
(3,4):0
          (3,5): -1
                      (3,6):2
                                 (3,7):-5
                                            (3,8):4
                                                       (3,9):2
           (4,8):2
(4,7):4
                      (4,9):2
                                 (5,7):-2
                                            (5,8):-3
                                                       (5,9):4
           (6,8): -2
(6,7):0
                      (6,9): -1
```

1163. Inequality 1163 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):4
                                 (1,7):-1
(1,4):4
                      (1,6):1
                                            (1,8):3
                                                       (1,9): -3
(2,4):-5
           (2,5):4
                      (2,6): -1
                                 (2,7):5
                                            (2,8):4
                                                       (2,9):1
(3,4): -2
           (3,5):-1
                                 (3,7):-5
                                                       (3,9):3
                      (3,6):3
                                            (3,8):6
(4,7):5
           (4,8):3
                      (4,9):5
                                 (5,7):-4
                                            (5,8): -6
                                                        (5,9):3
(6,7):2
           (6,8): -2
                      (6,9): -1
```

1164. Inequality 1164 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                      (1,6):2
                                 (1,7):-1
                                            (1,8):1
                                                      (1,9):-1
           (2,5):4
(2,4):-4
                      (2,6): -2
                                 (2,7):4
                                            (2,8):3
                                                       (2,9):1
(3,4):-3
           (3,5):-1
                      (3,6):3
                                (3,7):-3
                                            (3,8):3
                                                       (3,9):1
(4,7):1
           (4,8):4
                      (4,9):3
                                (5,7):-3
                                           (5,8):-3
                                                       (5,9):3
(6,7):4
           (6,8): -2
                      (6,9):1
```

1165. Inequality 1165 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                      (1,6):2
                                 (1,7):-1
                                            (1,8):1
                                                       (1,9):-1
(2,4):-5
                                 (2,7):5
                                            (2,8):3
                                                       (2,9):1
           (2,5):4
                      (2,6): -2
(3,4):-3
           (3,5):-1
                      (3,6):3
                                (3,7):-3
                                            (3,8):3
                                                       (3,9):1
(4,7):2
           (4,8):5
                      (4,9):4
                                 (5,7):-4
                                            (5,8): -3
                                                       (5,9):4
(6,7):5
           (6,8): -3
                      (6,9):1
```

1166. Inequality 1166 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):2
                                 (1,7):-2
                                            (1,8):2
                                                       (1,9):1
                      (1,6):2
(2,4):-3
                                 (2,7):2
                                            (2,8):2
           (2,5):1
                      (2,6): -1
                                                      (2,9):1
(3,4):-1
           (3,5):-1
                      (3,6):1
                                (3,7):-1
                                            (3,8):1
                                                      (3,9):1
(4,7):1
           (4,8):3
                      (4,9):3
                                 (5,7):0
                                           (5,8): -3
                                                      (5,9):3
(6,7):2
           (6,8):-1
                     (6,9):-1
```

1167. Inequality 1167 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):3
                      (1,6):4
                                 (1,7):-1
                                                       (1,9): -4
                                            (1,8): -3
(2,4):4
           (2,5): -4
                      (2,6):2
                                 (2,7):3
                                            (2,8):4
                                                       (2,9):-1
(3,4):2
           (3,5):2
                      (3,6): -2
                                 (3,7): -3
                                            (3,8):3
                                                       (3,9): -2
(4,7):-2
           (4,8): -3
                      (4,9):4
                                 (5,7):3
                                            (5,8):3
                                                       (5,9):3
                      (6,9):2
(6,7):0
           (6,8):2
```

1168. Inequality 1168 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):2
                     (1,6): -1
                                 (1,7):0
                                            (1,8):1
                                                      (1,9): -2
           (2,5):2
(2,4):-4
                     (2,6): -1
                                 (2,7):3
                                            (2,8):3
                                                       (2,9):1
(3,4):0
           (3,5):1
                                (3,7):-3
                                                       (3,9):1
                      (3,6):2
                                            (3,8):3
(4,7):3
           (4,8):2
                                                       (5,9):2
                      (4,9):3
                                (5,7):-1
                                           (5,8):-4
(6,7):2
           (6,8):-1
                      (6,9):-1
```

1169. Inequality 1169 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5): -2
                      (1,6):2
                                 (1,7):-1
                                            (1,8):-1
(1,4):2
                                                       (1,9):0
(2,4):0
           (2,5):2
                      (2,6):1
                                 (2,7):2
                                            (2,8):2
                                                       (2,9):-1
                                (3,7):-2
                                                       (3,9):1
(3,4): -2
           (3,5):2
                      (3,6):3
                                            (3.8):4
(4,7):1
           (4,8):2
                      (4,9):3
                                (5,7):-1
                                           (5,8): -3
                                                       (5,9):2
(6,7):1
           (6,8): -2
                      (6,9):-1
```

1170. Inequality 1170 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-2
           (1,5):-1
                      (1,6):1
                                (1,7):1
                                           (1,8):-1
                                                      (1,9):2
(2,4):-4
                                (2,7):3
                                                      (2,9):3
           (2,5):2
                     (2,6): -3
                                           (2,8):3
(3,4):-2
           (3,5):1
                     (3,6):2
                                (3,7):-1
                                           (3,8):3
                                                      (3,9):1
(4,7):2
           (4,8):2
                     (4,9):4
                                           (5,8):-3
                                                      (5,9):3
                                (5,7):-2
(6,7):1
           (6,8):0
                      (6,9):1
```

1171. Inequality 1171 with incidence 30 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):1
           (1,5):2
                      (1,6): -1
                                 (1,7):1
                                            (1,8):1
                                                       (1,9): -2
                      (2,6): -2
(2,4):-3
           (2,5):0
                                 (2,7):2
                                            (2,8):1
                                                       (2,9):2
(3,4): -2
           (3,5):1
                      (3,6):2
                                 (3,7):-1
                                            (3,8):3
                                                       (3,9):1
                                 (5,7):-1
(4,7):1
           (4,8):2
                      (4,9):3
                                            (5,8):-2
                                                       (5,9):2
(6,7):2
           (6,8): -1
                      (6,9):0
```

1172. Inequality 1172 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):3
                                (1,7):2
(1,4):0
                     (1,6):3
                                           (1,8): -2
                                                      (1,9):-4
                                (2,7):-2
                                           (2,8):2
                                                      (2,9):-1
(2,4):2
          (2,5): -2
                     (2,6):1
(3,4):1
          (3,5):3
                                (3,7):4
                                                      (3,9):-2
                     (3,6): -3
                                           (3,8):3
(4,7):3
          (4,8): -2
                     (4,9):4
                                (5,7):-4
                                           (5,8):1
                                                      (5,9):3
(6,7):1
          (6,8):2
                     (6,9):2
```

1173. Inequality 1173 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):2
                      (1,6):2
                                 (1,7):0
                                            (1,8):-1
                                                       (1,9):-3
                                 (2,7):3
(2,4):3
           (2,5): -3
                                            (2,8):3
                                                       (2,9):-1
                      (2,6):1
(3,4):2
           (3,5):2
                      (3,6): -3
                                 (3,7): -3
                                            (3,8):3
                                                       (3,9):-1
(4,7):-2
           (4,8): -2
                      (4,9):3
                                 (5,7):3
                                            (5,8):2
                                                       (5,9):2
                      (6,9):2
(6,7):-1
           (6,8):1
```

1174. Inequality 1174 with incidence 30 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):2
           (1,5):4
                      (1,6): -1
                                  (1,7):2
                                             (1,8):1
                                                        (1,9): -2
(2,4): -6
                                 (2,7):6
                                             (2,8):3
                                                        (2,9):3
           (2,5):3
                      (2,6): -3
(3,4): -2
           (3,5):1
                      (3,6):2
                                 (3,7): -2
                                             (3,8):4
                                                        (3,9):1
(4,7):2
           (4,8):4
                      (4,9):4
                                 (5,7):-4
                                            (5,8):-5
                                                        (5,9):3
(6,7):4
           (6,8): -3
                      (6,9):1
```

1175. Inequality 1175 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):3
                      (1,6):4
                                 (1,7):-1
                                            (1,8):1
                                                       (1,9):0
(2,4):3
                      (2,6):2
                                 (2,7):2
                                                      (2,9):0
           (2,5): -3
                                            (2,8):4
(3,4):2
           (3,5):2
                      (3,6): -2
                                 (3,7):-2
                                            (3,8):2
                                                      (3,9): -2
(4,7):-1
           (4,8): -3
                      (4,9):2
                                 (5,7):2
                                            (5,8):2
                                                      (5,9):2
(6,7):0
           (6,8): -2
                      (6,9): -2
```

1176. Inequality 1176 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):3
                      (1,6):1
                                 (1,7):-1
                                            (1,8): -2
                                                       (1,9): -3
(2,4):3
           (2,5): -2
                      (2,6):1
                                 (2,7):3
                                            (2,8):3
                                                       (2,9): -2
(3,4):1
           (3,5):0
                      (3,6):-1
                                 (3,7): -3
                                            (3,8):3
                                                       (3,9):0
                                                       (5,9):2
(4,7):-2
           (4,8):-1
                      (4,9):3
                                 (5,7):3
                                            (5,8):4
                      (6,9):2
(6,7):0
           (6,8): -1
```

1177. Inequality 1177 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):3
                      (1,6):1
                                 (1,7):-1
                                            (1,8): -3
                                                       (1,9): -2
           (2,5): -2
(2,4):3
                                            (2,8):2
                                                       (2,9):-1
                      (2,6):1
                                 (2,7):3
(3,4):1
           (3,5):0
                                 (3,7):-3
                                                       (3,9):-1
                      (3,6): -1
                                            (3,8):4
(4,7): -2
           (4,8): -1
                                                       (5,9):2
                      (4,9):3
                                 (5,7):3
                                            (5,8):4
(6,7):0
           (6,8):2
                      (6,9):-1
```

1178. Inequality 1178 with incidence 30 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,5):2
                      (1,6):3
                                 (1,7):-1
                                                      (1,9):0
(1,4):1
                                           (1,8):1
(2,4):3
           (2,5):-2
                      (2,6):1
                                 (2,7):2
                                           (2,8):3
                                                      (2,9):-1
                                                      (3,9): -2
(3,4):2
                                           (3,8):2
           (3,5):2
                      (3,6): -2
                                (3,7):-2
(4,7): -1
                                           (5,8):2
           (4,8): -3
                      (4,9):2
                                 (5,7):2
                                                      (5,9):2
(6,7):0
           (6,8):-1
                      (6,9):-1
```

1179. Inequality 1179 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):1
                                (1,7):2
(1,4):2
           (1,5):3
                                           (1,8):1
                                                      (1,9):-3
(2,4):-3
           (2,5):2
                                                      (2,9):2
                     (2,6): -1
                                (2,7):3
                                           (2,8):3
                      (3,6):1
(3,4):-1
           (3,5):0
                                (3,7):-3
                                           (3,8):3
                                                      (3,9):0
(4,7):0
           (4,8):3
                      (4,9):3
                                (5,7):-4
                                           (5,8):-3
                                                      (5,9):2
                      (6,9):2
(6,7):2
           (6,8): -1
```

1180. Inequality 1180 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4): -2
           (1,5): -3
                      (1,6):3
                                 (1,7):-2
                                            (1,8):-1
                                                       (1,9):5
(2,4):-4
           (2,5):1
                     (2,6): -1
                                 (2,7):4
                                            (2,8):4
                                                       (2,9):2
(3,4):0
           (3,5):3
                      (3,6):3
                                (3,7):-4
                                            (3,8):5
                                                       (3,9):-1
(4,7):2
                                (5,7):-1
           (4,8):3
                      (4,9):3
                                           (5,8):-3
                                                       (5,9):3
                     (6,9): -2
(6,7):3
           (6,8):0
```

1181. Inequality 1181 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):-2
(1,4):-1
           (1,5): -3
                      (1,6):3
                                            (1,8):-1
                                                       (1,9):4
(2,4):-3
           (2,5):3
                      (2,6):1
                                 (2,7):3
                                            (2,8):3
                                                       (2,9):1
(3,4):1
           (3,5):3
                                 (3,7):-3
                      (3,6):3
                                            (3,8):4
                                                       (3,9): -2
(4,7):2
           (4,8):3
                      (4,9):4
                                 (5,7): -2
                                            (5,8):-4
                                                       (5,9):3
(6,7):2
           (6,8): -1
                      (6,9): -2
```

1182. Inequality 1182 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4): -\overline{2}
           (1,5): -3
                       (1,6):3
                                   (1,7):-2
                                               (1,8):0
                                                          (1,9):4
(2,4):-4
            (2,5):4
                       (2,6):1
                                   (2,7):4
                                                          (2,9):1
                                              (2,8):4
(3,4):2
            (3,5):3
                       (3,6):3
                                   (3,7):-4
                                              (3,8):4
                                                          (3,9): -2
(4,7):3
            (4,8):3
                       (4,9):4
                                   (5,7): -3
                                              (5,8):-4
                                                          (5,9):3
(6,7):2
                       (6,9): -2
           (6,8): -1
```

1183. Inequality 1183 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4): -2
           (1,5): -3
                      (1,6):3
                                 (1,7):-2
                                            (1,8): -1
                                                       (1,9):5
(2,4):-4
           (2,5):3
                                 (2,7):4
                                            (2,8):4
                                                       (2,9):2
                      (2,6):1
(3,4):1
           (3,5):3
                      (3,6):3
                                 (3,7):-4
                                            (3,8):4
                                                       (3,9):-1
(4,7):2
           (4,8):3
                      (4,9):4
                                 (5,7): -2
                                            (5,8):-4
                                                       (5,9):3
(6,7):2
           (6,8):0
                      (6,9): -3
```

1184. Inequality 1184 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):0
                      (1,6): -3
                                 (1,7):2
                                            (1,8):1
                                                       (1,9):3
(1,4):-3
           (2,5):2
                                                       (2,9):-1
(2,4):-3
                      (2,6):2
                                 (2,7):4
                                            (2,8):4
(3,4):-3
           (3,5):0
                      (3,6):3
                                 (3,7):-4
                                            (3,8):5
                                                       (3,9):1
(4,7):2
           (4,8):4
                      (4,9):3
                                 (5,7): -2
                                            (5,8):-2
                                                       (5,9):2
(6,7):2
           (6,8): -2
                      (6,9):2
```

1185. Inequality 1185 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):3
                     (1,6):3
                                (1,7):1
                                           (1,8):1
                                                     (1,9):-4
(2,4): -6
           (2,5):5
                     (2,6):1
                                (2,7):5
                                           (2,8):5
                                                      (2,9):0
(3,4):0
          (3,5): -5
                     (3,6):5
                                (3,7):-5
                                           (3,8):5
                                                      (3,9):0
(4,7):4
           (4,8):4
                     (4,9):4
                                (5,7): -6
                                          (5,8):-1
                                                      (5,9):4
(6,7):1
          (6,8):-4
                     (6,9):4
```

1186. Inequality 1186 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

(1,4):1	(1,5):3	(1,6):2	(1,7):1	(1,8):1	(1,9): -2
(2,4):0	(2,5):3	(2,6): -3	(2,7):3	(2,8):3	(2,9):0
(3,4):-1	(3,5): -2	(3,6):2	(3,7):-3	(3,8):3	(3,9):1
(4,7):1	(4,8):1	(4,9):2	(5,7):-4	(5,8): -2	(5,9):2
(6,7):2	(6,8):0	(6,9):1			

1187. Inequality 1187 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,8):1
(1,4):-3
           (1,5):-1
                     (1,6):1
                                (1,7):2
                                                     (1,9):2
(2,4):-1
           (2,5):4
                     (2,6):2
                                (2,7):4
                                           (2,8):2
                                                     (2,9): -3
                               (3,7):-4
(3,4):1
          (3,5):-2
                     (3,6):2
                                          (3,8):3
                                                     (3,9):0
(4,7):4
                               (5,7):-3
           (4,8):2
                     (4,9):3
                                          (5,8): -1
                                                     (5,9):3
(6,7):-1
           (6,8):-1
                     (6,9):1
```

1188. Inequality 1188 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):1
                                (1,7):1
                                           (1,8):2
                                                     (1,9):2
(1,4):-3
           (1,5):-1
(2,4):-1
           (2,5):4
                     (2,6):2
                                (2,7):2
                                           (2,8):4
                                                     (2,9):-3
(3,4):1
          (3,5): -2
                     (3,6):2
                               (3,7):-4
                                          (3,8):3
                                                     (3,9):0
(4,7):3
           (4,8):3
                     (4,9):3
                               (5,7):-3
                                          (5,8):-1
                                                     (5,9):3
(6,7):1
           (6,8): -3
                     (6,9):1
```

1189. Inequality 1189 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):1
                                 (1,7):-1
(1,4): -2
           (1,5): -1
                                            (1,8):1
                                                       (1,9):2
(2,4):-4
           (2,5):5
                      (2,6): -2
                                 (2,7):3
                                            (2,8):4
                                                       (2,9):0
(3,4):-1
           (3,5):4
                      (3,6):3
                                 (3,7):-2
                                            (3,8):5
                                                       (3,9): -3
(4,7):1
                                 (5,7):-2
           (4,8):5
                      (4,9):5
                                            (5,8):-5
                                                       (5,9):5
           (6,8): -2
(6,7):1
                      (6,9):1
```

1190. Inequality 1190 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):1
                                  (1,7):1
(1,4):-1
                      (1,6):1
                                             (1,8):2
                                                       (1,9): -2
           (2,5):2
                                            (2,8):2
(2,4):-5
                      (2,6): -3
                                 (2,7):5
                                                       (2,9):3
(3,4):-3
                                 (3,7):-3
                                                        (3,9):2
           (3,5): -1
                      (3,6):3
                                            (3,8):4
(4,7):2
           (4,8):5
                      (4,9):4
                                 (5,7): -3
                                            (5,8): -2
                                                        (5,9):3
(6,7):4
           (6,8): -3
                      (6,9):2
```

1191. Inequality 1191 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):0
                      (1,6):4
                                 (1,7):-2
                                            (1,8):2
                                                       (1,9):2
(2,4):-4
                      (2,6):0
           (2,5):3
                                 (2,7):4
                                                       (2,9):1
                                            (2,8):4
(3,4): -2
           (3,5):0
                      (3,6):3
                                 (3,7): -3
                                            (3,8):3
                                                       (3,9):-1
(4,7):2
           (4,8):4
                      (4,9):2
                                 (5,7):-3
                                            (5,8): -3
                                                       (5,9):3
(6,7):4
           (6,8): -4
                      (6,9):-1
```

1192. Inequality 1192 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):1
                      (1,6):3
                                 (1,7):2
                                            (1,8): -2
                                                       (1,9): -3
(2,4):-2
                      (2,6):2
                                 (2,7):4
                                            (2,8):3
                                                       (2,9):1
           (2,5):-4
(3,4):-1
           (3,5):3
                      (3,6):1
                                 (3,7): -2
                                            (3,8):2
                                                       (3,9):-3
(4,7):1
           (4,8):2
                      (4,9):-1
                                 (5,7):3
                                            (5,8):1
                                                       (5,9):4
(6,7): -2
           (6,8):0
                      (6,9):2
```

1193. Inequality 1193 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):-1
                      (1,6):2
                                (1,7):-1
                                           (1,8):-1
                                                      (1,9):0
(2,4):-3
                      (2,6):2
                                (2,7):3
                                                      (2,9):-2
           (2,5):4
                                           (2,8):4
(3,4):-1
           (3,5): -3
                     (3,6):2
                                (3,7): -3
                                           (3,8):3
                                                      (3,9):2
(4,7):2
           (4,8):3
                      (4,9):2
                                (5,7): -3
                                           (5,8):-1
                                                      (5,9):4
(6,7):2
           (6,8): -2
                     (6,9):2
```

1194. Inequality 1194 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):1
                      (1,6):2
                                 (1,7):1
                                           (1,8):0
                                                     (1,9):-1
(2,4):-3
           (2,5):-4
                      (2,6):2
                                 (2,7):3
                                           (2,8):4
                                                      (2,9):2
(3,4):-1
           (3,5):3
                      (3,6):2
                                (3,7): -3
                                           (3,8):3
                                                     (3,9):-2
(4,7):2
                                                      (5,9):4
           (4,8):3
                     (4,9): -2
                                 (5,7):3
                                           (5,8):1
(6,7):0
           (6,8): -3
                     (6,9):-1
```

1195. Inequality 1195 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):1
                      (1,6): -1
                                 (1,7):1
                                            (1,8):1
                                                      (1,9):1
(2,4):-2
                                 (2,7):1
           (2,5):1
                      (2,6): -1
                                            (2,8):1
                                                      (2,9):0
(3,4):-2
           (3,5):1
                                (3,7):-1
                                            (3,8):3
                                                      (3,9):1
                      (3,6):2
                                                      (5,9):3
(4,7):1
                                           (5,8): -3
           (4,8):3
                      (4,9):3
                                (5,7):-1
(6,7):1
           (6,8):-1
                      (6,9):0
```

1196. Inequality 1196 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):0
                      (1,6):2
                                 (1,7):-1
                                                      (1,9):0
                                            (1,8):1
(2,4):-2
           (2,5):2
                      (2,6):1
                                 (2,7):1
                                            (2,8):2
                                                      (2,9):0
                                                      (3,9):1
(3,4):-1
           (3,5): -1
                      (3,6):1
                                (3,7):-1
                                            (3,8):1
(4,7):2
           (4,8):2
                      (4,9):3
                                (5,7): -2
                                           (5,8): -2
                                                      (5,9):3
           (6,8): -2
(6,7):1
                      (6,9):-1
```

1197. Inequality 1197 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):3
                                (1,7):2
                                           (1,8):-1
                                                     (1,9): -2
(1,4):-1
           (1,5):1
(2,4):-3
           (2,5):1
                                (2,7):3
                                           (2,8):3
                                                      (2,9):2
                     (2,6):0
(3,4):-1
           (3,5):1
                     (3,6): -1
                                (3,7):-1
                                           (3,8):2
                                                      (3,9):0
(4,7):2
           (4,8):3
                     (4,9):2
                                (5,7):-1
                                          (5,8):-4
                                                      (5,9):4
(6,7):-3
           (6,8):3
                     (6,9):2
```

1198. Inequality 1198 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-4
           (1,5):2
                      (1,6):2
                                 (1,7):2
                                           (1,8):2
                                                      (1,9):0
(2,4):-2
           (2,5):0
                     (2,6):-1
                                (2,7):1
                                           (2,8):1
                                                      (2,9):1
(3,4):1
                     (3,6):2
          (3,5): -2
                                (3,7):-3
                                           (3,8):2
                                                      (3,9):0
(4,7):4
           (4,8):3
                      (4,9):4
                                (5,7):-3
                                           (5,8):-1
                                                      (5,9):4
(6,7):1
           (6,8):-1
                      (6,9):1
```

1199. Inequality 1199 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):-1
                                 (1,7):1
(1,4):1
                      (1,6):3
                                            (1,8):1
                                                       (1,9):1
(2,4):-2
           (2,5):3
                      (2,6):2
                                 (2,7):4
                                            (2,8):4
                                                       (2,9):-1
(3,4): -1
                                 (3,7):-3
           (3,5):1
                      (3,6):1
                                            (3,8):4
                                                       (3,9):0
(4,7):1
           (4,8):2
                      (4,9):1
                                 (5,7):-1
                                            (5,8): -2
                                                       (5,9):2
(6,7): -2
           (6,8): -3
                      (6,9):-1
```

1200. Inequality 1200 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5): -1
                      (1,6):3
                                 (1,7):-2
                                             (1,8):1
                                                        (1,9):2
                      (2,6):2
                                 (2,7):3
(2,4):-3
                                                        (2,9):1
           (2,5):3
                                            (2,8):4
(3,4):0
           (3,5):2
                      (3,6):1
                                 (3,7): -2
                                            (3,8):3
                                                       (3,9): -2
(4,7):2
           (4,8):2
                      (4,9):2
                                 (5,7): -2
                                            (5,8): -3
                                                       (5,9):3
           (6,8): -3
                      (6,9): -2
(6,7):1
```

1201. Inequality 1201 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):0
                      (1,6):2
                                 (1,7):-1
                                            (1,8):1
                                                       (1,9):1
(2,4):-3
                                 (2,7):4
                                            (2,8):5
                                                       (2,9):-1
           (2,5):4
                      (2,6):1
(3,4):-1
           (3,5):3
                      (3,6):1
                                 (3,7): -3
                                            (3,8):4
                                                       (3,9): -2
(4,7):2
           (4,8):3
                      (4,9):2
                                 (5,7):-1
                                            (5,8):-4
                                                       (5,9):4
           (6,8): -3
                      (6,9): -2
(6,7):1
```

1202. Inequality 1202 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):3
           (1,5):-1
                                 (1,7):-1
                                           (1,8):-1
                                                      (1,9):0
                      (1,6):2
(2,4):-2
           (2,5):0
                      (2,6):1
                                 (2,7):1
                                            (2,8):1
                                                      (2,9):1
(3,4):-1
           (3,5):1
                      (3,6):1
                                (3,7):-1
                                            (3,8):2
                                                      (3,9):0
(4,7):2
           (4,8):3
                      (4,9):3
                                (5,7):-1
                                           (5,8): -2
                                                      (5,9):3
(6,7):0
           (6,8):-1
                     (6,9):-1
```

1203. Inequality 1203 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):0
                                 (1,7):1
                                           (1,8):-1
                                                      (1,9):2
                      (1,6):1
(2,4):-5
           (2,5):3
                      (2,6): -2
                                 (2,7):5
                                            (2,8):3
                                                      (2,9):2
(3,4):-3
           (3,5):0
                      (3,6):2
                                (3,7):-3
                                            (3,8):4
                                                      (3,9):2
(4,7):2
           (4,8):4
                      (4,9):5
                                (5,7): -3
                                           (5,8): -3
                                                      (5,9):3
(6,7):2
           (6,8):-1
                      (6,9):0
```

1204. Inequality 1204 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):0
                      (1,6):3
                                 (1,7):4
                                            (1,8):3
                                                       (1,9):3
(2,4):-1
                                            (2,8):2
                                                       (2,9): -2
           (2,5):3
                      (2,6): -1
                                 (2,7):3
                                 (3,7):-5
           (3,5):1
                                                       (3,9):1
(3,4):0
                      (3,6):2
                                            (3,8):5
                                 (5,7):-2
(4,7):2
           (4,8):1
                      (4,9):1
                                            (5,8):-3
                                                       (5,9):3
(6,7):0
           (6,8): -2
                      (6,9): -2
```

1205. Inequality 1205 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):2
                      (1,6):0
                                 (1,7):1
                                            (1,8):1
                                                       (1,9):-1
(1,4):1
(2,4):-3
           (2,5):2
                      (2,6): -1
                                 (2,7):3
                                            (2,8):2
                                                       (2,9):1
                                 (3,7):-2
(3,4):-1
           (3,5):-1
                      (3,6):1
                                            (3,8):2
                                                       (3,9):1
(4,7):1
           (4,8):2
                      (4,9):2
                                 (5,7): -3
                                           (5,8): -2
                                                       (5,9):2
(6,7):2
           (6,8):-1
                      (6,9):1
```

1206. Inequality 1206 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):2
                                 (1,7):-1
(1,4):-1
           (1,5):1
                                            (1,8):2
                                                      (1,9):-1
           (2,5):3
                                                       (2,9):1
(2,4):-4
                      (2,6): -2
                                 (2,7):4
                                            (2,8):2
                      (3,6):1
(3,4):-1
           (3,5):0
                                (3,7):-1
                                            (3,8):2
                                                       (3,9):1
(4,7):2
           (4,8):4
                      (4,9):4
                                 (5,7):-3
                                           (5,8):-3
                                                       (5,9):4
(6,7):3
           (6,8): -3
                      (6,9):1
```

1207. Inequality 1207 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):0
           (1,5):2
                      (1,6):2
                                 (1,7):-1
                                            (1,8):3
                                                       (1,9): -2
(2,4):-3
           (2,5):3
                      (2,6): -1
                                 (2,7):3
                                            (2,8):2
                                                       (2,9):0
(3,4): -2
           (3,5): -2
                      (3,6):1
                                 (3,7):-1
                                            (3,8):2
                                                       (3,9):2
                                 (5,7):-3
(4,7):2
           (4,8):4
                      (4,9):3
                                            (5,8):-2
                                                       (5,9):4
(6,7):2
           (6,8): -3
                      (6,9):1
```

1208. Inequality 1208 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):-1
(1,4):2
           (1,5):2
                      (1,6):2
                                            (1,8): -2
                                                       (1,9):-1
(2,4):-2
           (2,5): -1
                      (2,6):2
                                 (2,7):1
                                            (2,8):3
                                                       (2,9):-1
(3,4):0
           (3,5):-1
                                 (3,7):-2
                      (3,6):1
                                            (3,8):3
                                                       (3,9):1
(4,7):1
           (4,8):3
                      (4,9): -2
                                 (5,7):1
                                            (5,8):3
                                                       (5,9):2
(6,7):0
           (6,8): -2
                      (6,9):1
```

1209. Inequality 1209 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-2
           (1,5):-1
                      (1,6):1
                                 (1,7):1
                                            (1,8):-1
                                                       (1,9):2
           (2,5):4
(2,4): -6
                      (2,6): -3
                                 (2,7):6
                                                       (2,9):3
                                            (2,8):4
(3,4):-3
           (3,5):1
                      (3,6):2
                                 (3,7):-3
                                            (3,8):5
                                                       (3,9):2
(4,7):3
           (4,8):4
                      (4,9):6
                                 (5,7): -3
                                            (5,8):-5
                                                       (5,9):4
(6,7):2
           (6,8):-1
                      (6,9):1
```

1210. Inequality 1210 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):3
           (1,5):4
                      (1,6):1
                                 (1,7):0
                                            (1,8):3
                                                       (1,9): -3
(2,4):-5
                                            (2,8):4
                                                       (2,9):1
           (2,5):4
                      (2,6): -2
                                 (2,7):4
(3,4):-3
           (3,5):0
                      (3,6):3
                                 (3,7): -3
                                            (3,8):6
                                                       (3,9):3
                                 (5,7):-3
(4,7):3
           (4,8):3
                      (4,9):5
                                            (5,8): -6
                                                       (5,9):3
           (6,8): -2
                      (6,9):-1
(6,7):1
```

1211. Inequality 1211 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5): -2
                      (1,6):1
                                 (1,7):1
                                            (1,8):1
                                                       (1,9):1
(1,4):-2
                                                       (2,9):-1
(2,4):-3
           (2,5):4
                      (2,6):0
                                 (2,7):4
                                            (2,8):4
(3,4):0
           (3,5):2
                      (3,6):2
                                 (3,7):-4
                                            (3,8):4
                                                       (3,9):0
(4,7):3
           (4,8):3
                      (4,9):1
                                 (5,7):-1
                                            (5,8):-3
                                                       (5,9):2
(6,7):1
           (6,8): -1
                      (6,9): -1
```

1212. Inequality 1212 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):3
                                 (1,7):0
                                            (1,8):2
                                                       (1,9): -2
                      (1,6):1
(2,4):-4
           (2,5):2
                      (2,6):2
                                 (2,7):2
                                            (2,8):4
                                                       (2,9):2
(3,4):-1
           (3,5):1
                      (3,6):-1
                                 (3,7):-1
                                            (3,8):2
                                                       (3,9):0
(4,7):2
           (4,8):2
                      (4,9):3
                                 (5,7): -2
                                            (5,8):-4
                                                       (5,9):2
(6,7):1
           (6,8): -2
                      (6,9):-1
```

1213. Inequality 1213 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                      (1,6):1
                                 (1,7):-1
                                             (1,8): -1
                                                        (1,9): -2
(2,4):2
                                             (2,8):2
                                                        (2,9):-1
           (2,5): -1
                      (2,6):1
                                 (2,7):1
                                                        (3,9): -1
           (3,5):1
                                 (3,7):-1
(3,4):1
                      (3,6): -1
                                             (3,8):1
                                 (5,7):2
                                             (5,8):2
(4,7): -2
           (4,8): -1
                      (4,9):3
                                                        (5,9):2
(6,7):1
           (6,8): -1
                      (6,9):1
```

1214. Inequality 1214 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):2
                     (1,6): -1
                                (1,7):1
                                                      (1,9): -2
(1,4):1
                                           (1,8):1
(2,4):-3
          (2,5):0
                     (2,6): -2
                                (2,7):1
                                           (2,8):3
                                                      (2,9):3
(3,4):-2
                                (3,7):-2
           (3,5):1
                     (3,6):2
                                           (3,8):3
                                                      (3,9):0
(4,7):0
           (4,8):3
                     (4,9):3
                                (5,7):-1
                                           (5,8): -3
                                                      (5,9):3
(6,7):1
           (6,8):1
                     (6,9):1
```

1215. Inequality 1215 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):1
(1,4):0
           (1,5):2
                      (1,6): -1
                                            (1,8):1
                                                      (1,9):-1
(2,4):-1
           (2,5):1
                                                       (2,9):0
                      (2,6):1
                                 (2,7):1
                                            (2,8):2
           (3,5):1
(3,4):-1
                                (3,7):-2
                                            (3,8):3
                                                      (3,9):-1
                      (3,6):2
(4,7):0
           (4,8):3
                      (4,9):3
                                (5,7):-1
                                           (5,8):-3
                                                       (5,9):2
                      (6,9):1
(6,7):1
           (6,8): -2
```

1216. Inequality 1216 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                     (1,6):1
                                (1,7):0
                                           (1,8):1
                                                     (1,9):-1
(2,4):-2
          (2,5):3
                     (2,6): -2
                                (2,7):4
                                          (2,8):4
                                                     (2,9):1
(3,4):-2
          (3,5):0
                     (3,6):1
                               (3,7):-4
                                          (3,8):4
                                                     (3,9):1
(4,7):1
                                                     (5,9):2
          (4,8):2
                     (4,9):2
                               (5,7): -3
                                          (5,8):-4
(6,7):2
          (6,8):1
                     (6,9):1
```

1217. Inequality 1217 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):1
(1,4):-2
           (1,5):0
                      (1,6):-1
                                            (1,8):1
                                                       (1,9):1
(2,4):-1
           (2,5):2
                      (2,6): -1
                                 (2,7):1
                                            (2,8):1
                                                       (2,9):0
(3,4):-2
                                 (3,7):-1
           (3,5):1
                      (3,6):2
                                            (3,8):3
                                                       (3,9):1
(4,7):1
           (4,8):3
                      (4,9):3
                                 (5,7):-1
                                            (5,8): -3
                                                       (5,9):3
           (6,8): -1
(6,7):1
                      (6,9):0
```

1218. Inequality 1218 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6): \overline{2}
(1,4):-1
            (1,5):2
                                   (1,7):1
                                              (1,8):2
                                                          (1,9): -2
(2,4): -2
                       (2,6): -2
                                   (2,7):3
                                              (2,8):3
                                                          (2,9):1
            (2,5):1
(3,4):0
           (3,5): -1
                       (3,6):1
                                  (3,7):-4
                                              (3,8):3
                                                          (3,9):1
(4,7):2
           (4,8):2
                       (4,9):1
                                  (5,7):-2
                                              (5,8):-2
                                                          (5,9):2
(6,7):2
            (6,8):0
                       (6,9):1
```

1219. Inequality 1219 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5): -1
                      (1,6):2
                                 (1,7):-2
                                             (1,8):0
                                                        (1,9):2
(2,4):-3
                                 (2,7):2
                                            (2,8):3
                                                       (2,9):1
           (2,5):2
                      (2,6):1
(3,4):1
           (3,5):2
                      (3,6):1
                                 (3,7): -2
                                            (3,8):2
                                                       (3,9): -2
(4,7):3
           (4,8):2
                      (4,9):2
                                 (5,7):-1
                                            (5,8): -3
                                                       (5,9):3
           (6,8): -2
                      (6,9): -2
(6,7):2
```

1220. Inequality 1220 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):3
                      (1,6):1
                                  (1,7):0
                                             (1,8):2
                                                        (1,9): -2
(1,4):2
                                  (2,7):3
                                             (2,8):2
                                                        (2,9):0
(2,4):-2
           (2,5):2
                      (2,6): -1
(3,4):-1
           (3,5): -1
                      (3,6):2
                                 (3,7): -3
                                             (3,8):3
                                                        (3,9):2
           (4,8):1
(4,7):3
                      (4,9):3
                                 (5,7): -3
                                            (5,8):-3
                                                        (5,9):2
(6,7):2
           (6,8): -1
                      (6,9): -1
```

1221. Inequality 1221 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):3
                                 (1,7):0
                                            (1,8):2
                                                       (1,9): -2
                      (1,6):1
(2,4):-3
           (2,5):2
                      (2,6): -1
                                 (2,7):4
                                            (2,8):3
                                                       (2,9):1
(3,4):0
           (3,5):-1
                      (3,6):1
                                 (3,7):-4
                                            (3,8):3
                                                       (3,9):1
(4,7):3
           (4,8):1
                      (4,9):3
                                 (5,7): -3
                                            (5,8): -3
                                                       (5,9):2
(6,7):2
           (6,8):0
                      (6,9):-1
```

1222. Inequality 1222 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                      (1,6):2
                                (1,7):-1
                                            (1,8):1
                                                      (1,9):-1
(2,4):-4
           (2,5):1
                      (2,6):1
                                 (2,7):3
                                            (2,8):4
                                                      (2,9):3
           (3,5): -2
                                (3,7):-4
                                                       (3,9):2
(3,4):0
                      (3,6):2
                                            (3,8):2
                                (5,7):-2
(4,7):3
           (4,8):3
                      (4,9):3
                                           (5,8):-4
                                                       (5,9):5
(6,7):3
           (6,8): -2
                      (6,9): -2
```

1223. Inequality 1223 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-2
           (1,5):-2
                      (1,6):2
                                (1,7):-1
                                           (1,8):0
                                                      (1,9):3
(2,4):-3
           (2,5):3
                      (2,6):1
                                (2,7):3
                                           (2,8):3
                                                      (2,9):1
                                (3,7):-3
(3,4):0
           (3,5):2
                      (3,6):2
                                           (3.8):3
                                                      (3,9):0
(4,7):2
           (4,8):4
                      (4,9):3
                                (5,7): -2
                                           (5,8): -3
                                                      (5,9):2
(6,7):1
           (6,8):1
                     (6,9): -3
```

1224. Inequality 1224 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-2
           (1,5): -3
                      (1,6):3
                                (1,7):-2
                                           (1,8):-1
                                                      (1,9):5
(2,4):-4
                                (2,7):4
                                                      (2,9):2
           (2,5):3
                      (2,6):1
                                           (2,8):4
                     (3,6):3
(3,4):0
           (3,5):3
                                (3,7):-4
                                           (3,8):4
                                                      (3,9):0
(4,7):2
           (4,8):4
                     (4,9):4
                                                      (5,9):3
                                (5,7):-2
                                           (5,8):-4
(6,7):2
                     (6,9):-4
           (6,8):1
```

1225. Inequality 1225 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):3
                      (1,6):3
                                 (1,7):-2
                                            (1,8):-1
                                                       (1,9): -5
(2,4):4
           (2,5): -3
                      (2,6):1
                                 (2,7):4
                                            (2,8):4
                                                       (2,9): -2
(3,4):0
           (3,5):3
                      (3,6): -3
                                 (3,7):-4
                                            (3,8):4
                                                       (3,9):0
(4,7):-2
           (4,8): -4
                      (4,9):4
                                 (5,7):5
                                            (5,8):1
                                                       (5,9):3
(6,7):-1
           (6,8):4
                      (6,9):4
```

1226. Inequality 1226 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):1
(1,4):2
          (1,5): -2
                     (1,6):2
                                           (1,8):0
                                                      (1,9):-3
(2,4):3
          (2,5):3
                     (2,6):1
                                (2,7): -3
                                           (2,8):3
                                                      (2,9):-1
(3,4):0
          (3,5): -2
                                (3,7):3
                                                      (3,9):0
                     (3,6): -2
                                           (3,8):3
(4,7):2
          (4,8): -4
                     (4,9):3
                                (5,7):4
                                           (5,8):-1
                                                      (5,9): -2
(6,7):1
          (6,8):3
                     (6,9):3
```

1227. Inequality 1227 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):1
                      (1,6): -2
                                 (1,7):2
                                            (1,8):2
                                                       (1,9):2
                      (2,6):1
(2,4):0
           (2,5):3
                                 (2,7):2
                                            (2,8):2
                                                       (2,9): -2
(3,4):-1
           (3,5):-1
                      (3,6):1
                                 (3,7): -3
                                            (3,8):3
                                                       (3,9):1
(4,7):1
           (4,8):1
                      (4,9):2
                                 (5,7): -3
                                            (5,8):-2
                                                       (5,9):2
(6,7):1
           (6,8):0
                      (6,9):1
```

1228. Inequality 1228 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):3
           (1,5):3
                      (1,6):2
                                (1,7):2
                                           (1,8): -1
                                                      (1,9):-5
(2,4):-5
                                (2,7):4
                                           (2,8):5
                                                      (2,9):1
           (2,5):4
                      (2,6):1
(3,4):0
           (3,5): -2
                      (3,6):4
                                (3,7):-4
                                           (3,8):4
                                                      (3,9): -2
(4,7):2
           (4,8):5
                      (4,9):5
                                (5,7): -6
                                           (5,8):-1
                                                      (5,9):4
(6,7):2
           (6,8):-4
                      (6,9):3
```

1229. Inequality 1229 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):2
                      (1,6):1
                                (1,7):1
                                           (1,8):-1
                                                      (1,9):-3
(1,4):2
                                (2,7):3
                                                      (2,9):1
(2,4):-4
           (2,5):3
                      (2,6):1
                                           (2,8):4
(3,4):0
          (3,5):-1
                     (3,6):3
                                (3,7): -3
                                           (3,8):3
                                                      (3,9): -2
(4,7):2
           (4,8):4
                      (4,9):4
                                (5,7): -5
                                           (5,8):-1
                                                      (5,9):4
(6,7):2
           (6,8): -3
                     (6,9):2
```

1230. Inequality 1230 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):1
                      (1,6):2
                                (1,7):0
                                           (1,8):-1
                                                      (1,9): -2
(2,4):-2
           (2,5):1
                      (2,6):1
                                (2,7):1
                                           (2,8):1
                                                      (2,9):0
(3,4):-1
           (3,5): -2
                      (3,6):2
                                (3,7): -2
                                           (3,8):1
                                                      (3,9):2
(4,7):2
           (4,8):2
                      (4,9):3
                                (5,7): -2
                                           (5,8):-1
                                                      (5,9):3
(6,7):1
           (6,8):0
                     (6,9):0
```

1231. Inequality 1231 with incidence 30 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):1
           (1,5):3
                     (1,6):3
                                (1,7):0
                                           (1,8):2
                                                     (1,9): -3
(2,4):-3
           (2,5):2
                                (2,7):3
                     (2,6):0
                                           (2,8):3
                                                     (2,9):1
(3,4):-1
                               (3,7):-3
                                                     (3,9):1
           (3,5): -3
                     (3,6):3
                                          (3,8):3
(4,7):2
                     (4,9):2
                                          (5,8):-1
           (4,8):3
                               (5,7):-4
                                                     (5,9):3
(6,7):2
           (6,8):-4
                     (6,9):2
```

1232. Inequality 1232 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-3
           (1,5): -2
                      (1,6): -2
                                 (1,7):2
                                            (1,8):1
                                                       (1,9):4
(2,4):0
           (2,5):4
                      (2,6): -2
                                 (2,7):4
                                            (2,8):4
                                                       (2,9): -2
                                 (3,7):-4
                                                       (3,9):1
(3,4):-1
           (3,5):0
                      (3,6):1
                                            (3,8):5
(4,7):2
           (4,8):3
                      (4,9):3
                                (5,7):-2
                                           (5,8):-3
                                                       (5,9):3
(6,7):2
           (6,8):0
                      (6,9):1
```

1233. Inequality 1233 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):1
                                (1,7):1
                                           (1,8):0
                                                     (1,9): -2
(1,4):2
           (1,5):2
(2,4):-3
                                (2,7):2
                                           (2,8):3
                                                     (2,9):1
           (2,5):2
                     (2,6):1
(3,4):0
           (3,5):0
                               (3,7): -2
                                           (3,8):2
                                                     (3,9):-1
                     (3,6):1
(4,7):1
                     (4,9):3
                                          (5,8):-2
                                                     (5,9):2
           (4,8):3
                               (5,7):-4
(6,7):2
          (6,8): -2
                     (6,9):1
```

1234. Inequality 1234 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):3
           (1,5):1
                      (1,6):2
                                 (1,7):-1
                                            (1,8):-1
                                                       (1,9): -2
(2,4):0
           (2,5):4
                      (2,6): -1
                                 (2,7):3
                                            (2,8):3
                                                       (2,9): -3
(3,4): -2
           (3,5):0
                      (3,6):2
                                 (3,7):-3
                                            (3,8):5
                                                       (3,9):2
(4,7):3
                      (4,9):5
                                 (5,7):-3
           (4,8):3
                                            (5,8):-3
                                                        (5,9):3
(6,7):1
           (6,8): -1
                      (6,9): -1
```

1235. Inequality 1235 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):1
(1,4):1
           (1,5):3
                      (1,6):2
                                            (1,8):1
                                                       (1,9): -2
(2,4):0
                                                       (2,9):0
           (2,5):3
                      (2,6): -3
                                 (2,7):3
                                            (2,8):3
(3,4): -1
                                 (3,7):-3
           (3,5): -1
                      (3,6):1
                                            (3,8):3
                                                       (3,9):1
(4,7):1
           (4,8):1
                      (4,9):2
                                 (5,7):-4
                                            (5,8):-3
                                                       (5,9):2
(6,7):2
           (6,8):1
                      (6,9):1
```

1236. Inequality 1236 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):2
                      (1,6): -1
                                 (1,7):1
                                            (1,8):2
                                                       (1,9):-1
(2,4):-1
           (2,5):2
                      (2,6):2
                                 (2,7):2
                                            (2,8):3
                                                       (2,9):0
(3,4):0
           (3,5):2
                      (3,6):1
                                 (3,7): -3
                                            (3,8):3
                                                       (3,9):-1
(4,7):1
           (4,8):3
                      (4,9):2
                                 (5,7):-1
                                            (5,8):-4
                                                       (5,9):3
(6,7):0
           (6,8): -1
                      (6,9):-1
```

1237. Inequality 1237 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5): -2
                      (1,6):1
                                (1,7):-1
                                            (1,8):1
                                                       (1,9):2
(2,4):-3
           (2,5):3
                      (2,6):2
                                 (2,7):5
                                            (2,8):4
                                                       (2,9):-1
(3,4):0
           (3,5):2
                      (3,6):1
                                (3,7): -3
                                            (3,8):4
                                                       (3,9): -2
(4,7):2
           (4,8):3
                      (4,9):3
                                (5,7): -2
                                           (5,8): -2
                                                       (5,9):3
(6,7):-1
           (6,8): -2
                      (6,9):1
```

1238. Inequality 1238 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):-1
                     (1,6):1
                                (1,7):1
                                           (1,8):1
                                                      (1,9):2
(1,4):-2
                                (2,7):2
                                           (2,8):2
                                                     (2,9):-1
(2,4):0
           (2,5):2
                     (2,6):1
(3,4):1
           (3,5):0
                     (3,6):1
                                (3,7): -3
                                           (3,8):2
                                                     (3,9):-1
(4,7):2
           (4,8):1
                     (4,9):2
                                (5,7): -2
                                          (5,8):-1
                                                      (5,9):2
(6,7):0
           (6,8):-1
                     (6,9):0
```

1239. Inequality 1239 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):0
                      (1,6):2
                                 (1,7):2
                                            (1,8):3
                                                       (1,9):2
(2,4):-1
           (2,5):3
                      (2,6): -1
                                 (2,7):2
                                            (2,8):3
                                                       (2,9): -2
(3,4):0
           (3,5):2
                      (3,6):1
                                 (3,7):-4
                                            (3,8):4
                                                       (3,9):-1
(4,7):1
           (4,8):2
                      (4,9):1
                                 (5,7):-1
                                            (5,8): -3
                                                       (5,9):3
(6,7):0
           (6,8): -1
                      (6,9):-1
```

1240. Inequality 1240 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

(1,4):2	(1,5): -3	(1,6):2	(1,7):1	(1,8):1	(1,9): -3
(2,4):4	(2,5):6	(2,6):2	(2,7):-4	(2,8):4	(2,9):0
(3,4):4	(3,5):1	(3,6): -5	(3,7):4	(3,8):4	(3,9):2
(4,7):0	(4,8):-5	(4,9):3	(5,7):4	(5,8):-3	(5,9):-5
(6,7):3	(6,8):1	(6,9):3			

1241. Inequality 1241 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):-1
                      (1,6): -1
                                 (1,7):1
                                            (1,8): -1
                                                       (1,9):0
(2,4):-3
           (2,5):4
                      (2,6): -2
                                 (2,7):2
                                            (2,8):3
                                                       (2,9):0
                                 (3,7):-1
                                                       (3,9):-1
(3,4):-1
           (3,5):2
                      (3,6):2
                                            (3.8):3
(4,7):0
           (4,8):4
                      (4,9):4
                                 (5,7):-1
                                            (5,8):-4
                                                       (5,9):4
           (6,8): -1
(6,7):1
                      (6,9):1
```

1242. Inequality 1242 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6): -1
                                 (1,7):-1
                                            (1,8):2
(1,4):-1
           (1,5): -2
                                                       (1,9):3
(2,4):-2
           (2,5):5
                      (2,6): -2
                                            (2,8):4
                                                       (2,9):-2
                                 (2,7):3
(3,4):-1
           (3,5):3
                      (3,6):3
                                 (3,7):-2
                                            (3,8):4
                                                       (3,9): -3
(4,7):1
           (4,8):3
                      (4,9):2
                                 (5,7):-2
                                            (5,8):-3
                                                       (5,9):5
(6,7):1
           (6,8):0
                      (6,9):1
```

1243. Inequality 1243 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):3
                     (1,6):2
                                (1,7):1
                                           (1,8):-1
                                                      (1,9): -2
(2,4):-4
                                                      (2,9):-4
           (2,5):7
                     (2,6):-4
                                (2,7):6
                                           (2,8):5
(3,4):-1
           (3,5):3
                     (3,6):2
                                (3,7): -3
                                           (3,8):5
                                                      (3,9): -2
(4,7):3
                                (5,7): -3
           (4,8):5
                     (4,9):4
                                           (5,8):-4
                                                      (5,9):6
(6,7):2
           (6,8):0
                     (6,9): -2
```

1244. Inequality 1244 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):1
(1,4):4
           (1,5):4
                     (1,6):2
                                           (1,8):-4
                                                     (1,9): -3
                                (2,7):4
(2,4):-4
          (2,5):4
                     (2,6):1
                                           (2,8):3
                                                      (2,9):0
(3,4):0
          (3,5):3
                                (3,7):-2
                                                     (3,9):-3
                     (3,6): -3
                                           (3,8):5
                                                      (5,9):5
(4,7):3
          (4,8):6
                     (4,9):3
                                (5,7):-4
                                          (5,8):-2
(6,7): -2
           (6,8):4
                     (6,9): -2
```

1245. Inequality 1245 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):1
                      (1,6):3
                                 (1,7):-1
                                             (1,8):2
                                                        (1,9): -2
(2,4): -2
           (2,5):3
                      (2,6): -2
                                  (2,7):3
                                             (2,8):2
                                                        (2,9):0
(3,4):-1
           (3,5): -2
                      (3,6):0
                                 (3,7):-1
                                             (3,8):2
                                                        (3,9):2
(4,7):1
           (4,8):2
                      (4,9):1
                                 (5,7): -2
                                            (5,8):-1
                                                        (5,9):3
(6,7):2
                      (6,9):2
           (6,8): -1
```

1246. Inequality 1246 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):3
                      (1,6):1
                                 (1,7):3
                                            (1,8):2
                                                       (1,9): -2
(2,4):-2
                                 (2,7):2
                                            (2,8):1
                                                       (2,9):1
           (2,5):1
                      (2,6):-1
(3,4):-1
           (3,5):-1
                      (3,6):2
                                 (3,7):-4
                                            (3,8):4
                                                       (3,9):2
(4,7):4
           (4,8):2
                      (4,9):4
                                 (5,7):-4
                                            (5,8): -2
                                                       (5,9):3
           (6,8):-1
                      (6,9):0
(6,7):1
```

1247. Inequality 1247 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):2
                                 (1,7):1
                                           (1,8):-1
                                                      (1,9):0
(1,4):0
                      (1,6):2
(2,4):-2
           (2,5):2
                                 (2,7):2
                     (2,6): -1
                                            (2,8):1
                                                      (2,9):0
(3,4):-1
           (3,5):-1
                      (3,6):1
                                (3,7):-1
                                           (3,8):1
                                                      (3,9):1
(4,7):2
           (4,8):2
                      (4,9):3
                                (5,7):-3
                                           (5,8):-1
                                                      (5,9):3
(6,7):1
           (6,8):0
                     (6,9):-1
```

1248. Inequality 1248 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4): -2
           (1,5):2
                                  (1,7):0
                                             (1,8):4
                                                       (1,9): -4
                      (1,6):4
(2,4):-5
           (2,5):3
                      (2,6): -2
                                 (2,7):5
                                            (2,8):3
                                                        (2,9):2
(3,4):-3
           (3,5): -4
                      (3,6):2
                                 (3,7): -3
                                            (3,8):4
                                                        (3,9):4
(4,7):3
           (4,8):6
                      (4,9):3
                                 (5,7):-5
                                            (5,8):-1
                                                        (5,9):5
           (6,8): -4
(6,7):4
                      (6,9):4
```

1249. Inequality 1249 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5): -1
                      (1,6):2
                                 (1,7):0
                                            (1,8):1
                                                       (1,9):1
(2,4):-2
                                 (2,7):2
                                            (2,8):2
           (2,5):2
                      (2,6):2
                                                       (2,9):0
           (3,5):1
                                 (3,7):-1
(3,4):0
                      (3,6): -1
                                            (3,8):2
                                                       (3,9):-1
(4,7):1
           (4,8):1
                      (4,9):1
                                 (5,7):-1
                                            (5,8):-1
                                                       (5,9):2
(6,7):-1
           (6,8):-1
                      (6,9): -1
```

1250. Inequality 1250 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):1
                      (1,6):1
                                 (1,7):1
                                            (1,8):2
                                                       (1,9): -2
(1,4):-1
(2,4):-5
           (2,5):2
                      (2,6): -4
                                 (2,7):5
                                            (2,8):1
                                                       (2,9):3
                                 (3,7):-2
(3,4): -2
           (3,5):0
                      (3,6):2
                                            (3.8):4
                                                       (3,9):2
(4,7):3
           (4,8):5
                      (4,9):4
                                (5,7):-2
                                           (5,8): -2
                                                       (5,9):3
(6,7):3
           (6,8):-4
                      (6,9):2
```

1251. Inequality 1251 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):1
                                 (1,7):-2
(1,4):1
           (1,5): -2
                                            (1,8):1
                                                       (1,9):1
(2,4):-2
                                                       (2,9):-1
           (2,5):3
                      (2,6):0
                                 (2,7):3
                                            (2,8):3
           (3,5):2
(3,4):-1
                                (3,7):-2
                                            (3,8):3
                                                       (3,9):0
                      (3,6):2
(4,7):2
           (4,8):2
                      (4,9):2
                                 (5,7):-2
                                           (5,8):-2
                                                       (5,9):3
(6,7):1
           (6,8): -1
                      (6,9): -1
```

1252. Inequality 1252 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5): -1
                      (1,6):2
                                (1,7):-2
                                            (1,8):1
                                                       (1,9):1
(2,4):-3
           (2,5):2
                      (2,6):1
                                 (2,7):2
                                            (2,8):3
                                                       (2,9):1
(3,4):0
           (3,5):1
                      (3,6):1
                                (3,7):-1
                                            (3,8):2
                                                      (3,9):-1
(4,7):3
                                (5,7):-2
           (4,8):2
                      (4,9):3
                                           (5,8):-3
                                                      (5,9):3
(6,7):2
           (6,8): -3
                     (6,9):-1
```

1253. Inequality 1253 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5): -2
                                 (1,7):-2
                                                       (1,9):1
(1,4):1
                      (1,6):1
                                            (1,8):1
(2,4):-2
           (2,5):4
                      (2,6):1
                                 (2,7):4
                                            (2,8):4
                                                       (2,9):-1
(3,4): -1
                                 (3,7):-3
           (3,5):3
                      (3,6):2
                                            (3,8):4
                                                       (3,9):-1
(4,7):2
           (4,8):2
                      (4,9):2
                                 (5,7): -2
                                            (5,8):-3
                                                       (5,9):4
(6,7):1
           (6,8): -2
                      (6,9): -1
```

1254. Inequality 1254 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):0
                      (1,6):2
                                 (1,7):-1
                                            (1,8):1
                                                       (1,9):1
                      (2,6):0
(2,4):-4
           (2,5):4
                                 (2,7):4
                                                       (2,9):0
                                            (2,8):4
(3,4):-1
           (3,5):2
                      (3,6):1
                                 (3,7):-2
                                            (3,8):3
                                                       (3,9):-1
(4,7):3
           (4,8):4
                      (4,9):3
                                 (5,7): -2
                                            (5,8):-5
                                                       (5,9):5
(6,7):2
                      (6,9): -2
           (6,8): -3
```

1255. Inequality 1255 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):1
(1,4):1
           (1,5): -2
                                (1,7):-1
                                           (1,8):1
                                                      (1,9):0
(2,4):-3
                                (2,7):4
                                           (2,8):3
                                                      (2,9):0
           (2,5):2
                      (2,6):2
(3,4):-1
           (3,5):1
                      (3,6):1
                                (3,7):-2
                                           (3,8):3
                                                      (3,9):0
(4,7):2
           (4,8):2
                      (4,9):3
                                (5,7): -2
                                           (5,8): -1
                                                      (5,9):2
           (6,8): -2
(6,7):-1
                      (6,9):1
```

1256. Inequality 1256 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):2
                      (1,6):1
                                 (1,7):-1
                                            (1,8):1
                                                       (1,9):-1
(1,4):0
(2,4):-3
           (2,5):2
                                            (2,8):2
                                                       (2,9):2
                      (2,6): -2
                                 (2,7):3
(3,4): -2
           (3,5): -1
                      (3,6):1
                                 (3,7): -2
                                            (3,8):2
                                                       (3,9):2
(4,7):1
           (4,8):3
                      (4,9):3
                                 (5,7):-1
                                            (5,8):-3
                                                       (5,9):3
(6,7):2
           (6,8): -1
                      (6,9):1
```

1257. Inequality 1257 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                      (1,6):2
                                (1,7):-2
                                           (1,8):0
                                                     (1,9):-3
(2,4):3
           (2,5):0
                     (2,6): -1
                                 (2,7):2
                                           (2,8):2
                                                     (2,9):-2
(3,4):1
          (3,5):-1
                      (3,6):1
                                (3,7):-2
                                           (3,8):3
                                                      (3,9):0
(4,7):-1
          (4,8): -3
                     (4,9):3
                                (5,7):1
                                           (5,8):3
                                                      (5,9):3
(6,7):2
          (6,8):-1
                      (6,9):1
```

1258. Inequality 1258 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):2
                      (1,6):1
                                 (1,7): -2
                                             (1,8):2
                                                       (1,9): -3
(2,4): -6
           (2,5):4
                                            (2,8):6
                      (2,6):2
                                 (2,7):4
                                                        (2,9):2
                                 (3,7):-2
(3,4):-3
           (3,5):1
                      (3,6): -1
                                            (3,8):3
                                                        (3,9):2
                      (4,9):6
                                 (5,7): -2
(4,7):3
           (4,8):4
                                            (5,8):-5
                                                        (5,9):4
(6,7):1
           (6,8): -2
                      (6,9): -1
```

1259. Inequality 1259 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):1
           (1,5):-1
                                 (1,7):-1
(1,4):2
                                            (1,8): -1
                                                       (1,9):0
(2,4):0
           (2,5):2
                      (2,6):1
                                 (2,7):1
                                            (2,8):2
                                                       (2,9): -2
                                 (3,7):-2
                                                       (3,9):2
(3,4):-1
           (3,5):0
                      (3,6):2
                                            (3.8):3
(4,7):3
           (4,8):2
                      (4,9):4
                                 (5,7):-2
                                            (5,8): -2
                                                       (5,9):3
           (6,8): -2
                      (6,9):-1
(6,7):1
```

1260. Inequality 1260 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):-1
                      (1,6):1
                                 (1,7):0
                                           (1,8):-1
                                                      (1,9):2
(2,4):-3
                                 (2,7):3
                                                      (2,9):1
           (2,5):2
                     (2,6): -1
                                            (2,8):2
                      (3,6):2
(3,4):-1
                                (3,7):-2
                                           (3,8):3
                                                      (3,9):1
           (3,5):1
(4,7):2
                      (4,9):3
                                           (5,8):-3
                                                      (5,9):2
           (4,8):2
                                (5,7):-1
(6,7):2
                     (6,9):-1
           (6,8):-1
```

1261. Inequality 1261 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5): -1
                      (1,6):1
                                 (1,7):-1
                                            (1,8):-1
                                                       (1,9):0
(2,4):0
           (2,5):3
                      (2,6):1
                                 (2,7):2
                                            (2,8):2
                                                       (2,9): -2
(3,4):-1
           (3,5):0
                      (3,6):3
                                 (3,7):-3
                                            (3,8):4
                                                       (3,9):3
                      (4,9):5
                                 (5,7):-3
(4,7):4
           (4,8):2
                                            (5,8):-3
                                                       (5,9):4
           (6,8): -2
                      (6,9): -2
(6,7):1
```

1262. Inequality 1262 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):0
(1,4):1
           (1,5):2
                      (1,6):2
                                            (1,8): -2
                                                       (1,9): -3
                                            (2,8):2
(2,4):3
           (2,5):0
                      (2,6): -1
                                 (2,7):2
                                                       (2,9): -2
(3,4):1
           (3,5):-1
                                 (3,7):-2
                                                       (3,9):0
                      (3,6):1
                                            (3,8):3
(4,7):-2
           (4,8): -2
                      (4,9):3
                                 (5,7):2
                                            (5,8):2
                                                       (5,9):3
(6,7):0
           (6,8):1
                      (6,9):1
```

1263. Inequality 1263 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                      (1,6):2
                                (1,7):-2
                                           (1,8):0
                                                     (1,9):-1
           (2,5): -1
(2,4):-2
                                 (2,7):1
                                           (2,8):2
                                                     (2,9):-1
                      (2,6):1
(3,4):0
          (3,5):-1
                      (3,6):1
                                (3,7):-1
                                           (3,8):2
                                                      (3,9):1
(4,7):2
           (4,8):2
                     (4,9):-3
                                 (5,7):2
                                           (5,8):3
                                                      (5,9):3
(6,7):2
           (6,8): -3
                      (6,9):1
```

1264. Inequality 1264 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):1
                                (1,7):1
(1,4):-1
          (1,5): -1
                                          (1,8):1
                                                     (1,9):1
(2,4):-2
                                (2,7):2
                                          (2,8):1
                                                     (2,9):1
           (2,5):1
                     (2,6):1
(3,4):2
           (3,5):0
                     (3,6):2
                                (3,7): -3
                                          (3,8):2
                                                     (3,9):-3
                                (5,7):-3
(4,7):3
           (4,8):1
                     (4,9):3
                                          (5,8):0
                                                     (5,9):3
          (6,8):-1
(6,7):0
                     (6,9):1
```

1265. Inequality 1265 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5): -2
                     (1,6):1
                                (1,7):1
                                           (1,8):-1
                                                      (1,9):0
(1,4):1
                                                     (2,9):0
(2,4):-3
           (2,5):2
                     (2,6):2
                                (2,7):3
                                           (2,8):4
(3,4):-1
           (3,5):1
                     (3,6):1
                                (3,7):-2
                                           (3,8):3
                                                     (3,9):0
(4,7):1
           (4,8):3
                     (4,9):3
                                (5,7):0
                                           (5,8):-3
                                                     (5,9):2
(6,7): -1
          (6,8): -2
                     (6,9):1
```

1266. Inequality 1266 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-2
           (1,5):-1
                                 (1,7):1
                                                       (1,9):2
                      (1,6): -1
                                            (1,8):1
(2,4):-1
           (2,5):1
                      (2,6): -1
                                 (2,7):1
                                            (2,8):2
                                                       (2,9):0
(3,4):-2
           (3,5):0
                      (3,6):2
                                 (3,7):-2
                                            (3,8):3
                                                       (3,9):3
(4,7):1
           (4,8):3
                      (4,9):3
                                 (5,7):0
                                            (5,8): -3
                                                       (5,9):3
                      (6,9): -1
(6,7):1
           (6,8):0
```

1267. Inequality 1267 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):0
                      (1,6): -2
                                 (1,7):2
                                            (1,8): -1
                                                       (1,9):2
                                                       (2,9):0
(2,4):-3
                                 (2,7):3
           (2,5):4
                      (2,6): -1
                                            (2,8):3
(3,4):-2
                                 (3,7):-2
                                            (3,8):4
                                                       (3,9):1
           (3,5):1
                      (3,6):2
(4,7):2
                                            (5,8):-4
           (4,8):4
                      (4,9):4
                                 (5,7):-3
                                                       (5,9):4
(6,7):2
           (6,8): -2
                      (6,9):1
```

1268. Inequality 1268 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):-3
                     (1,6): -1
                                 (1,7):4
                                            (1,8):1
(1,4):-3
                                                      (1,9):2
(2,4):-3
           (2,5):4
                      (2,6):1
                                 (2,7):3
                                           (2,8):4
                                                      (2,9):-1
                                (3,7):-5
                                                      (3,9):2
(3,4):0
          (3,5):-1
                      (3,6):2
                                           (3.8):4
(4,7):5
           (4,8):3
                      (4,9):2
                                (5,7):-1
                                           (5,8): -3
                                                      (5,9):4
(6,7):2
          (6,8):-1
                     (6,9):-1
```

1269. Inequality 1269 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):1
                                 (1,7):-2
(1,4):1
           (1,5): -1
                                            (1,8): -1
                                                       (1,9):2
(2,4):-4
                                                       (2,9):3
           (2,5):1
                      (2,6):4
                                 (2,7):0
                                            (2,8):4
                      (3,6):2
(3,4):1
           (3,5):0
                                 (3,7):-3
                                            (3,8):2
                                                       (3,9): -2
(4,7):4
           (4,8):3
                      (4,9):3
                                 (5,7):-1
                                                       (5,9):2
                                            (5,8):-1
(6,7):4
           (6,8): -3
                      (6,9): -2
```

1270. Inequality 1270 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4): -2
           (1,5): -1
                      (1,6): -1
                                  (1,7):1
                                             (1,8):1
                                                        (1,9):2
(2,4):0
           (2,5):3
                      (2,6): -1
                                 (2,7):4
                                             (2,8):3
                                                       (2,9): -3
(3,4):-1
           (3,5):0
                      (3,6):2
                                 (3,7):-4
                                             (3,8):5
                                                        (3,9):2
                                 (5,7):-3
(4,7):4
           (4,8):2
                      (4,9):5
                                            (5,8):-2
                                                        (5,9):3
(6,7):2
           (6,8): -1
                      (6,9): -1
```

1271. Inequality 1271 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):-1
                                                     (1,9):-3
(1,4):4
          (1,5):2
                     (1,6):3
                                          (1,8):-1
                                           (2,8):2
                                                     (2,9):2
(2,4):-4
          (2,5):0
                     (2,6):2
                                (2,7):2
(3,4):1
          (3,5):2
                               (3,7):-2
                                                     (3,9):-2
                    (3,6): -2
                                           (3,8):3
(4,7):4
          (4,8):3
                     (4,9):4
                               (5,7): -2
                                          (5,8):-2
                                                     (5,9):4
(6,7):-1
          (6,8):1
                     (6,9):-1
```

1272. Inequality 1272 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4): -2
           (1,5): -1
                      (1,6): -3
                                  (1,7):1
                                             (1,8):2
                                                        (1,9):3
(2,4):-3
           (2,5):2
                      (2,6):2
                                 (2,7):4
                                                       (2,9):-1
                                            (2,8):4
(3,4): -2
           (3,5):0
                      (3,6):3
                                 (3,7):-4
                                            (3,8):4
                                                       (3,9):-1
(4,7):1
           (4,8):4
                      (4,9):2
                                 (5,7):-1
                                            (5,8): -2
                                                        (5,9):2
                      (6,9):3
(6,7):1
           (6,8):0
```

1273. Inequality 1273 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4): -2
           (1,5): -2
                      (1,6): -3
                                 (1,7):1
                                            (1,8):2
                                                       (1,9):4
(2,4):-3
           (2,5):3
                                 (2,7):4
                                            (2,8):4
                                                       (2,9):-1
                      (2,6):1
(3,4): -2
           (3,5):0
                      (3,6):3
                                 (3,7):-4
                                            (3,8):4
                                                       (3,9):-1
(4,7):1
           (4,8):4
                      (4,9):2
                                 (5,7): -3
                                            (5,8):-1
                                                       (5,9):3
(6,7):3
           (6,8):-1
                      (6,9):3
```

1274. Inequality 1274 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):2
                      (1,6):1
                                (1,7):1
                                           (1,8): -1
                                                      (1,9): -2
(1,4):1
(2,4):-2
           (2,5):2
                                (2,7):3
                                                      (2,9):-1
                      (2,6):1
                                           (2,8):3
(3,4):-1
           (3,5):-1
                      (3,6):3
                                (3,7):-3
                                           (3,8):3
                                                      (3,9):-1
(4,7):1
           (4,8):3
                      (4,9):2
                                (5,7): -3
                                           (5,8):0
                                                      (5,9):2
(6,7):1
           (6,8): -2
                      (6,9):2
```

1275. Inequality 1275 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):3
                      (1,6): -1
                                 (1,7):2
                                            (1,8):1
                                                       (1,9): -2
(2,4):-3
           (2,5):2
                      (2,6):1
                                 (2,7):3
                                            (2,8):2
                                                       (2,9):1
(3,4):1
           (3,5):1
                      (3,6):3
                                 (3,7):-4
                                            (3,8):4
                                                       (3,9): -3
(4,7):2
           (4,8):3
                      (4,9):4
                                 (5,7):-4
                                            (5,8): -3
                                                       (5,9):3
           (6,8): -1
(6,7):1
                      (6,9):1
```

1276. Inequality 1276 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):1
                     (1,6):1
                                (1,7):0
                                          (1,8):1
                                                    (1,9): -2
           (2,5):2
                                (2,7):2
                                                    (2,9):-1
(2,4):-2
                     (2,6):1
                                          (2,8):2
                               (3,7):-3
                                                     (3,9):2
(3,4):-1
          (3,5): -3
                     (3,6):2
                                          (3,8):3
                                          (5,8):0
                                                     (5,9):3
(4,7):3
           (4,8):2
                     (4,9):3
                               (5,7):-3
          (6,8): -2
                     (6,9):1
(6,7):1
```

1277. Inequality 1277 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):-1
                                          (1,8):2
                                                    (1,9):-3
(1,4):2
           (1,5):2
                     (1,6):2
(2,4):-3
           (2,5):1
                     (2,6):1
                               (2,7):2
                                          (2,8):2
                                                     (2,9):1
                               (3,7):-2
                                                     (3,9):1
(3,4):-1
          (3,5): -3
                     (3,6):2
                                          (3,8):3
(4,7):3
          (4,8):2
                     (4,9):3
                               (5,7): -3
                                          (5,8):0
                                                     (5,9):3
          (6,8): -3
                     (6,9):1
(6,7):1
```

1278. Inequality 1278 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):2
(1,4):-3
           (1,5): -1
                      (1,6): -1
                                            (1,8):1
                                                       (1,9):2
(2,4):-2
                                            (2,8):2
                                                       (2,9):-1
           (2,5):2
                      (2,6):1
                                 (2,7):2
(3,4):-1
           (3,5): -1
                                 (3,7):-3
                                            (3,8):3
                                                       (3,9):2
                      (3,6):2
(4,7):3
           (4,8):3
                      (4,9):2
                                 (5,7):-1
                                            (5,8):-2
                                                       (5,9):3
                      (6,9):0
(6,7):1
           (6,8): -1
```

1279. Inequality 1279 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                      (1,6):1
                                (1,7):1
                                           (1,8):-1
                                                      (1,9): -2
                                                      (2,9):-1
(2,4):-3
           (2,5):4
                      (2,6):1
                                (2,7):3
                                           (2,8):4
(3,4):-1
           (3,5): -2
                     (3,6):3
                                (3,7): -3
                                           (3,8):3
                                                      (3,9):0
(4,7):2
           (4,8):4
                      (4,9):3
                                (5,7):-5
                                           (5,8):-1
                                                      (5,9):4
(6,7):2
                     (6,9):2
           (6,8): -3
```

1280. Inequality 1280 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):0
                                                     (1,9):-1
(1,4):1
           (1,5):2
                     (1,6):1
                                          (1,8):-1
(2,4):-3
           (2,5):2
                     (2,6):1
                                (2,7):2
                                           (2,8):2
                                                      (2,9):0
(3,4):0
                               (3,7):-3
                                                     (3,9):-1
          (3,5): -2
                     (3,6):3
                                           (3,8):3
                                                      (5,9):3
(4,7):3
           (4,8):3
                     (4,9):2
                               (5,7):-4
                                           (5,8):1
(6,7):2
          (6,8): -2
                     (6,9):1
```

1281. Inequality 1281 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):2
                      (1,6):1
                                (1,7):-1
                                           (1,8):-1
                                                      (1,9):-1
(2,4):-3
           (2,5):2
                      (2,6):1
                                (2,7):2
                                           (2,8):2
                                                      (2,9):0
(3,4):0
          (3,5): -2
                      (3,6):3
                                (3,7): -3
                                           (3,8):3
                                                      (3,9):-1
(4,7):3
           (4,8):3
                      (4,9):1
                                (5,7): -3
                                           (5,8):1
                                                      (5,9):2
(6,7):2
           (6,8): -2
                     (6,9):1
```

1282. Inequality 1282 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):2
                     (1,6):3
                                (1,7):2
                                           (1,8): -2
                                                      (1,9):-1
(2,4):-3
           (2,5):4
                                (2,7):4
                                           (2,8):4
                                                      (2,9):-1
                     (2,6):0
(3,4):-2
           (3,5):0
                     (3,6):2
                                (3,7):-1
                                           (3,8):3
                                                      (3,9):2
(4,7):1
           (4,8):4
                     (4,9):2
                                (5,7): -3
                                           (5,8): -2
                                                      (5,9):3
(6,7): -3
           (6,8):1
                     (6,9):-3
```

1283. Inequality 1283 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):0
                      (1,6): -3
                                  (1,7):3
                                            (1,8):-1
                                                        (1,9):3
(1,4):-2
                                                        (2,9):-1
(2,4):-2
           (2,5):4
                      (2,6): -1
                                 (2,7):3
                                             (2,8):3
(3,4): -2
           (3,5):1
                      (3,6):2
                                 (3,7): -2
                                             (3,8):4
                                                        (3,9):1
(4,7):2
           (4,8):4
                      (4,9):4
                                 (5,7): -3
                                            (5,8):-4
                                                        (5,9):4
(6,7):3
           (6,8): -2
                      (6,9):1
```

1284. Inequality 1284 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4): -3
           (1,5): -2
                                 (1,7):2
                                             (1,8):1
                                                        (1,9):3
                      (1,6):-1
(2,4):-1
           (2,5):3
                      (2,6): -1
                                 (2,7):3
                                            (2,8):4
                                                       (2,9): -2
(3,4):-1
           (3,5):0
                      (3,6):2
                                 (3,7):-4
                                            (3,8):5
                                                        (3,9):2
(4,7):3
           (4,8):3
                      (4,9):3
                                 (5,7):-1
                                            (5,8): -3
                                                        (5,9):3
(6,7):1
           (6,8):0
                      (6,9):-1
```

1285. Inequality 1285 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):3
           (1,5):3
                      (1,6):2
                                 (1,7):-1
                                            (1,8):1
                                                      (1,9): -2
(2,4):-2
           (2,5):4
                      (2,6): -1
                                 (2,7):3
                                            (2,8):3
                                                      (2,9):-1
(3,4):-2
           (3,5):-1
                                 (3,7):-3
                                                       (3,9):2
                      (3,6):2
                                            (3,8):4
(4,7):3
           (4,8):3
                      (4,9):3
                                 (5,7):-3
                                            (5,8):-4
                                                       (5,9):3
(6,7):1
           (6,8): -1
                      (6,9):-1
```

1286. Inequality 1286 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):2
                      (1,6):2
                                 (1,7):-1
                                            (1,8):0
                                                       (1,9): -2
(1,4):3
(2,4):-1
           (2,5):3
                      (2,6): -1
                                 (2,7):2
                                            (2,8):2
                                                       (2,9):-1
                                 (3,7):-2
(3,4): -2
           (3,5): -1
                      (3,6):2
                                            (3.8):3
                                                       (3,9):2
(4,7):2
           (4,8):3
                      (4,9):3
                                 (5,7):-2
                                            (5,8): -3
                                                       (5,9):3
           (6,8):-1
                      (6,9):-1
(6,7):1
```

1287. Inequality 1287 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):2
                                 (1,7):1
(1,4):-1
           (1,5):3
                                            (1,8):3
                                                      (1,9): -2
(2,4):-2
           (2,5):2
                                                       (2,9):1
                     (2,6): -2
                                 (2,7):3
                                            (2,8):4
                      (3,6):1
(3,4):0
           (3,5): -1
                                (3,7):-5
                                            (3,8):4
                                                       (3,9):1
(4,7):2
           (4,8):3
                      (4,9):2
                                (5,7):-3
                                                       (5,9):3
                                           (5,8):-4
                      (6,9):1
(6,7):2
           (6,8):0
```

1288. Inequality 1288 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):4
                      (1,6):4
                                (1,7): -2
                                           (1,8):2
                                                      (1,9): -2
(2,4):-5
                                (2,7):5
           (2,5):4
                      (2,6):0
                                           (2,8):5
                                                      (2,9):1
(3,4):-2
           (3,5):-4
                     (3,6):5
                                (3,7):-5
                                           (3,8):5
                                                      (3,9):1
(4,7):3
           (4,8):5
                      (4,9):3
                                (5,7): -6
                                           (5,8): -2
                                                      (5,9):4
(6,7):5
           (6,8): -5
                      (6,9):1
```

1289. Inequality 1289 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):-2
(1,4):0
           (1,5): -1
                      (1,6):2
                                            (1,8):2
                                                       (1,9):3
(2,4):-1
           (2,5):3
                                 (2,7):2
                                            (2,8):2
                      (2,6):1
                                                      (2,9):-1
(3,4):0
           (3,5):-1
                                (3,7):-1
                      (3,6):1
                                            (3,8):2
                                                      (3,9):-1
                                (5,7):-3
(4,7):3
           (4,8):1
                      (4,9):3
                                           (5,8):-1
                                                       (5,9):3
(6,7):1
           (6,8): -2
                     (6,9):-1
```

1290. Inequality 1290 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                      (1,6):2
                                 (1,7):-1
                                            (1,8):-1
                                                       (1,9):-3
           (2,5):-5
                                 (2,7):5
                      (2,6): -1
                                                       (2,9):1
(2,4):5
                                            (2,8):5
(3,4):1
           (3,5):6
                      (3,6):-4
                                 (3,7):-5
                                            (3,8):6
                                                       (3,9): -2
(4,7):-4
           (4,8): -5
                      (4,9):4
                                 (5,7):7
                                            (5,8):0
                                                       (5,9):6
(6,7): -2
           (6,8):5
                      (6,9):4
```

1291. Inequality 1291 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                      (1,6):1
                                 (1,7):-1
                                             (1,8): -1
                                                        (1,9): -2
(2,4):4
                                             (2,8):4
                                                        (2,9):1
           (2,5): -4
                      (2,6): -1
                                  (2,7):4
(3,4):1
           (3,5):5
                      (3,6): -3
                                 (3,7):-4
                                             (3,8):5
                                                        (3,9): -2
(4,7): -3
           (4,8): -4
                      (4,9):3
                                  (5,7):6
                                             (5,8):0
                                                        (5,9):5
(6,7): -2
           (6,8):4
                      (6,9):3
```

1292. Inequality 1292 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):2
                                 (1,7):0
                                           (1,8):0
                                                     (1,9): -2
(1,4):-2
                      (1,6):2
(2,4):-2
                                 (2,7):3
                                                      (2,9):1
          (2,5):-4
                      (2,6):1
                                           (2,8):3
(3,4):0
           (3,5):1
                      (3,6):0
                                (3,7): -3
                                           (3,8):3
                                                     (3,9):-1
(4,7):4
           (4,8):2
                     (4,9): -2
                                 (5,7):3
                                           (5,8):3
                                                      (5,9):3
(6,7):1
           (6,8):-1
                      (6,9):1
```

1293. Inequality 1293 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                      (1,6): -1
                                  (1,7):1
                                             (1,8):2
                                                        (1,9):-1
(2,4): -2
           (2,5):1
                      (2,6): -1
                                  (2,7):2
                                             (2,8):3
                                                        (2,9):1
(3,4):0
           (3,5): -1
                      (3,6):1
                                 (3,7): -3
                                             (3,8):3
                                                        (3,9):0
(4,7):1
           (4,8):1
                      (4,9):1
                                 (5,7): -2
                                            (5,8): -2
                                                        (5,9):2
(6,7):1
           (6,8):1
                      (6,9):1
```

1294. Inequality 1294 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):1
                      (1,6):1
                                 (1,7):1
                                            (1,8): -1
                                                       (1,9): -2
(2,4):-4
           (2,5):4
                      (2,6): -1
                                 (2,7):4
                                            (2,8):3
                                                       (2,9):0
                                 (3,7):-3
(3,4):-2
                                                       (3,9):-1
           (3,5):1
                      (3,6):2
                                            (3,8):3
           (4,8):5
                      (4,9):4
(4,7):1
                                 (5,7): -3
                                            (5,8):-3
                                                       (5,9):4
(6,7):2
           (6,8): -1
                      (6,9):1
```

1295. Inequality 1295 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):1
           (1,5):2
                                 (1,7):2
                                                      (1,9): -2
(1,4):0
                                            (1,8): -1
(2,4):-3
           (2,5):4
                      (2,6): -1
                                 (2,7):3
                                            (2,8):3
                                                       (2,9):0
                                 (3,7):-2
(3,4):-1
           (3,5):0
                      (3,6):2
                                            (3,8):2
                                                      (3,9):-1
(4,7):2
           (4,8):3
                      (4,9):3
                                 (5,7):-4
                                           (5,8): -2
                                                       (5,9):4
           (6,8):-1
                      (6,9):2
(6,7):1
```

1296. Inequality 1296 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):-1
(1,4):-1
           (1,5): -1
                      (1,6): -1
                                            (1,8):2
                                                        (1,9):2
                                                        (2,9):0
(2,4):-4
           (2,5):4
                      (2,6):2
                                 (2,7):4
                                            (2,8):2
(3,4):0
           (3,5):2
                                 (3,7):-1
                                            (3,8):3
                                                       (3,9): -2
                      (3,6): -2
(4,7):3
           (4,8):4
                      (4,9):4
                                 (5,7):-3
                                            (5,8):-3
                                                       (5,9):5
           (6,8):4
(6,7): -2
                      (6,9): -1
```

1297. Inequality 1297 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):1
                     (1,6):3
                                 (1,7):2
                                           (1,8): -2
                                                      (1,9): -3
                                                       (2,9):0
(2,4):-4
           (2,5):4
                     (2,6):1
                                (2,7):4
                                            (2,8):3
(3,4):0
           (3,5):2
                     (3,6): -2
                                (3,7): -2
                                           (3,8):4
                                                      (3,9): -2
                     (4,9):5
(4,7):4
           (4,8):4
                                (5,7): -3
                                           (5,8):-5
                                                       (5,9):5
(6,7): -3
           (6,8):4
                     (6,9):1
```

1298. Inequality 1298 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):1
(1,4):2
           (1,5):3
                      (1,6):1
                                            (1,8): -2
                                                       (1,9): -3
(2,4):-2
           (2,5):4
                      (2,6): -1
                                 (2,7):3
                                            (2,8):3
                                                       (2,9):-1
(3,4): -1
           (3,5):0
                                 (3,7):-3
                      (3,6):3
                                            (3,8):3
                                                       (3,9): -2
(4,7):1
           (4,8):4
                      (4,9):2
                                 (5,7):-4
                                            (5,8):-1
                                                        (5,9):4
(6,7):2
           (6,8): -1
                      (6,9):2
```

1299. Inequality 1299 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):0
                     (1,6): -2
                                (1,7):-2
                                           (1,8):1
                                                      (1,9):2
(2,4):-3
           (2,5):4
                     (2,6): -1
                                (2,7):3
                                           (2,8):4
                                                      (2,9):-1
(3,4):0
          (3,5):3
                     (3,6):1
                                (3,7): -2
                                           (3,8):3
                                                      (3,9):-3
(4,7):3
          (4,8):3
                     (4,9):2
                                (5,7): -1
                                           (5,8):-4
                                                      (5,9):4
(6,7):-1
          (6,8):1
                     (6,9):2
```

1300. Inequality 1300 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):0
                      (1,6):1
                                 (1,7):-1
                                            (1,8):2
                                                       (1,9):3
(2,4):-2
           (2,5):3
                                 (2,7):2
                                            (2,8):3
                                                       (2,9):-1
                      (2,6):-1
(3,4):0
           (3,5):2
                      (3,6):2
                                 (3,7): -2
                                            (3,8):3
                                                       (3,9): -3
(4,7):1
           (4,8):2
                      (4,9):2
                                 (5,7):-1
                                            (5,8): -3
                                                       (5,9):3
(6,7):1
           (6,8):-1
                      (6,9):0
```

1301. Inequality 1301 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):-1
                      (1,6):1
                                 (1,7):-2
                                            (1,8):2
                                                       (1,9):4
(1,4):-2
                                 (2,7):4
                                                      (2,9):-1
(2,4):-4
           (2,5):5
                      (2,6): -1
                                            (2,8):5
(3,4):0
           (3,5):3
                      (3,6):2
                                 (3,7): -3
                                            (3,8):4
                                                      (3,9):-4
(4,7):2
           (4,8):4
                      (4,9):4
                                 (5,7): -2
                                            (5,8):-4
                                                       (5,9):5
(6,7):1
           (6,8):-1
                      (6,9):0
```

1302. Inequality 1302 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):2
                      (1,6):1
                                 (1,7):2
                                                       (1,9): -4
                                            (1,8):-1
(2,4):-4
           (2,5):5
                      (2,6): -1
                                 (2,7):5
                                            (2,8):4
                                                       (2,9):-1
(3,4):0
           (3,5):2
                      (3,6):1
                                 (3,7): -3
                                            (3,8):3
                                                       (3,9):-3
(4,7):2
           (4,8):4
                      (4,9):4
                                 (5,7): -3
                                            (5,8): -3
                                                       (5,9):5
(6,7):1
           (6,8): -1
                      (6,9):1
```

1303. Inequality 1303 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):3
           (1,5):3
                      (1,6):1
                                 (1,7):3
                                            (1,8): -2
                                                      (1,9): -6
(2,4):-5
                                                      (2,9):-1
           (2,5):7
                     (2,6): -1
                                 (2,7):6
                                            (2,8):6
                                                      (3,9):-5
(3,4):0
           (3,5):3
                      (3,6):2
                                 (3,7):-4
                                            (3,8):4
(4,7):2
           (4,8):5
                      (4,9):5
                                 (5,7):-4
                                           (5,8):-4
                                                       (5,9):7
(6,7):1
           (6,8): -1
                      (6,9):2
```

1304. Inequality 1304 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):2
                     (1,6):3
                                (1,7):3
                                           (1,8):-1
                                                      (1,9): -2
(2,4):-3
          (2,5):2
                     (2,6):0
                                (2,7):3
                                           (2,8):3
                                                      (2,9):1
           (3,5):2
                                (3,7):-2
                                                      (3,9):-1
(3,4):-1
                     (3,6): -2
                                           (3,8):4
(4,7):3
           (4,8):3
                     (4,9):3
                                (5,7): -2
                                           (5,8):-4
                                                      (5,9):4
(6,7): -3
           (6,8):3
                     (6,9):1
```

1305. Inequality 1305 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):0
                      (1,6):2
                                 (1,7):3
(1,4):2
                                            (1,8): -1
                                                       (1,9):2
(2,4):-2
           (2,5):3
                                            (2,8):2
                                                       (2,9):-1
                      (2,6):1
                                 (2,7):3
                      (3,6):2
(3,4): -2
           (3,5): -1
                                 (3,7):-2
                                            (3,8):3
                                                       (3,9):2
(4,7):0
           (4,8):3
                      (4,9):1
                                 (5,7):-3
                                            (5,8):-2
                                                       (5,9):3
(6,7):-1
           (6,8): -1
                      (6,9): -1
```

1306. Inequality 1306 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):2
                      (1,6):2
                                 (1,7): -3
                                            (1,8):2
                                                       (1,9): -3
(2,4): -6
           (2,5):6
                      (2,6): -1
                                 (2,7):6
                                            (2,8):5
                                                       (2,9):0
(3,4):-3
           (3,5):0
                      (3,6):3
                                 (3,7):-3
                                            (3,8):6
                                                       (3,9):3
(4,7):5
                                 (5,7):-4
           (4,8):6
                      (4,9):6
                                            (5,8):-7
                                                       (5,9):7
(6,7):3
           (6,8):-4
                      (6,9): -1
```

1307. Inequality 1307 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):-4
                                 (1,7):-4
                                            (1,8):0
(1,4):-2
                      (1,6):4
                                                       (1,9):6
(2,4):-5
                      (2,6): -2
           (2,5):1
                                 (2,7):3
                                            (2,8):5
                                                       (2,9):4
(3,4): -2
           (3,5):4
                                 (3,7):-3
                                            (3,8):7
                                                       (3,9): -2
                      (3,6):4
                                 (5,7):-1
(4,7):1
           (4,8):5
                      (4,9):5
                                            (5,8):-5
                                                       (5,9):5
(6,7):4
           (6,8): -2
                      (6,9):0
```

1308. Inequality 1308 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5): -3
                      (1,6):3
                                 (1,7):-3
                                            (1,8):0
                                                        (1,9):4
(2,4):-4
                      (2,6): -1
                                 (2,7):3
                                            (2,8):3
                                                       (2,9):2
           (2,5):1
(3,4):-1
           (3,5):3
                      (3,6):3
                                 (3,7): -3
                                            (3,8):5
                                                       (3,9):-1
(4,7):2
           (4,8):4
                      (4,9):4
                                 (5,7):-1
                                            (5,8):-4
                                                       (5,9):4
(6,7):4
           (6,8): -2
                      (6,9):-1
```

1309. Inequality 1309 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):3
           (1,5):3
                      (1,6):1
                                 (1,7):-2
                                            (1,8):2
                                                       (1,9): -3
(2,4):-4
           (2,5):4
                                 (2,7):4
                                            (2,8):3
                                                       (2,9):0
                      (2,6): -1
(3,4):-2
           (3,5):0
                      (3,6):2
                                 (3,7): -2
                                            (3,8):4
                                                       (3,9):2
(4,7):4
           (4,8):3
                      (4,9):4
                                 (5,7): -2
                                            (5,8):-5
                                                       (5,9):4
(6,7):2
           (6,8): -3
                      (6,9):-1
```

1310. Inequality 1310 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):4
                      (1,6):2
                                 (1,7):-2
                                             (1,8):2
                                                       (1,9): -4
(1,4):2
(2,4):-5
           (2,5):5
                                                        (2,9):0
                      (2,6): -1
                                 (2,7):4
                                            (2,8):5
(3,4): -5
           (3,5): -1
                      (3,6):3
                                 (3,7):-4
                                            (3,8):4
                                                        (3,9):3
(4,7):2
           (4,8):5
                      (4,9):5
                                 (5,7): -2
                                            (5,8):-5
                                                        (5,9):5
(6,7):2
           (6,8): -1
                      (6,9):1
```

1311. Inequality 1311 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):0
           (1,5):4
                      (1,6):6
                                 (1,7): -2
                                             (1,8):6
                                                        (1,9): -6
(2,4):-5
           (2,5):7
                      (2,6): -2
                                 (2,7):5
                                             (2,8):5
                                                        (2,9):0
(3,4): -5
           (3,5): -6
                      (3,6):2
                                 (3,7): -3
                                             (3,8):6
                                                        (3,9):6
                                                        (5,9):9
(4,7):3
           (4,8):8
                      (4,9):5
                                 (5,7):-7
                                            (5,8): -3
           (6,8): -6
(6,7):4
                      (6,9):4
```

1312. Inequality 1312 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5): -2
                      (1,6): -1
                                 (1,7):2
                                            (1,8): -1
                                                       (1,9):3
(2,4): -6
                                 (2,7):6
           (2,5):6
                      (2,6): -1
                                            (2,8):6
                                                       (2,9):1
(3,4):-5
           (3,5):-1
                                 (3,7):-5
                                                       (3,9):4
                      (3,6):2
                                            (3.8):5
(4,7):2
           (4,8):6
                                            (5,8):-5
                                                       (5,9):6
                      (4,9):6
                                 (5,7):-4
(6,7):3
           (6,8):-1
                      (6,9):2
```

1313. Inequality 1313 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):2
                     (1,6):4
                                (1,7):3
                                          (1,8): -2
                                                     (1,9):-4
(1,4):1
(2,4):-4
          (2,5):3
                     (2,6):1
                                (2,7):4
                                           (2,8):3
                                                     (2,9):1
(3,4):0
          (3,5):2
                               (3,7):-2
                                                     (3,9):-2
                     (3,6): -2
                                          (3,8):4
(4,7):4
          (4,8):4
                     (4,9):5
                               (5,7): -3
                                          (5,8):-5
                                                     (5,9):5
(6,7):-4
           (6,8):4
                     (6,9):1
```

1314. Inequality 1314 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):2
                                (1,7):-3
(1,4):2
           (1,5):2
                                            (1,8):2
                                                      (1,9):-3
(2,4):-3
           (2,5):4
                                                      (2,9):-1
                      (2,6):0
                                 (2,7):4
                                            (2,8):4
(3,4): -2
           (3,5):0
                      (3,6):2
                                (3,7):-2
                                            (3,8):4
                                                      (3,9):2
(4,7):3
           (4,8):3
                      (4,9):3
                                (5,7):-2
                                                       (5,9):4
                                           (5,8):-4
(6,7):2
           (6,8): -3
                      (6,9): -1
```

1315. Inequality 1315 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):2
                      (1,6):1
                                 (1,7):-2
                                            (1,8):2
                                                       (1,9): -3
(2,4):-3
           (2,5):4
                      (2,6): -1
                                 (2,7):4
                                            (2,8):3
                                                       (2,9):-1
(3,4):-1
           (3,5): -2
                      (3,6):0
                                 (3,7):-1
                                            (3,8):2
                                                       (3,9):2
(4,7):3
                                 (5,7):-2
           (4,8):2
                      (4,9):3
                                            (5,8):-2
                                                       (5,9):4
(6,7):2
           (6,8): -1
                      (6,9): -1
```

1316. Inequality 1316 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):2
(1,4):-3
           (1,5): -3
                      (1,6):1
                                           (1,8):-1
                                                      (1,9):4
(2,4):-3
           (2,5):4
                      (2,6):1
                                 (2,7):3
                                           (2,8):3
                                                      (2,9):0
(3,4):0
                                (3,7):-3
                                           (3,8):3
                                                      (3,9):2
           (3,5):0
                      (3,6):2
(4,7):5
           (4,8):2
                      (4,9):3
                                (5,7):-1
                                           (5,8):-4
                                                      (5,9):4
(6,7):2
           (6,8):-1
                     (6,9): -3
```

1317. Inequality 1317 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4): -2
           (1,5): -3
                      (1,6):1
                                 (1,7):2
                                            (1,8):-1
                                                       (1,9):3
                      (2,6):1
(2,4): -2
           (2,5):4
                                 (2,7):3
                                            (2,8):3
                                                       (2,9):-1
(3,4):0
           (3,5):0
                      (3,6):2
                                 (3,7): -3
                                            (3,8):3
                                                       (3,9):2
(4,7):4
           (4,8):2
                      (4,9):2
                                 (5,7):-1
                                            (5,8):-4
                                                       (5,9):4
                      (6,9): -2
(6,7):1
           (6,8): -1
```

1318. Inequality 1318 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):3
                      (1,6):3
                                 (1,7):3
                                            (1,8): -1
                                                       (1,9): -3
(2,4):-1
           (2,5):3
                                 (2,7):2
                                            (2,8):2
                                                       (2,9):-1
                      (2,6): -1
(3,4):-1
           (3,5): -2
                      (3,6):2
                                 (3,7): -2
                                            (3,8):2
                                                       (3,9):1
(4,7):3
           (4,8):2
                      (4,9):4
                                 (5,7):-5
                                            (5,8):-1
                                                       (5,9):4
           (6,8):0
                      (6,9):1
(6,7):-1
```

1319. Inequality 1319 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,9): -8
(1,4):4
           (1,5):4
                     (1,6):8
                                (1,7):-4
                                           (1,8):4
(2,4):-5
                                (2,7):3
                                                      (2,9):2
           (2,5):1
                     (2,6):2
                                           (2,8):3
(3,4):-2
          (3,5):-4
                     (3,6):4
                                (3,7):-5
                                           (3,8):3
                                                      (3,9):4
(4,7):5
           (4,8):5
                     (4,9):7
                                (5,7): -5
                                          (5,8):-3
                                                      (5,9):7
(6,7):6
           (6,8): -6
                     (6,9):2
```

1320. Inequality 1320 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):1
                     (1,6):1
                                (1,7):1
                                          (1,8):-1
                                                     (1,9):-1
(2,4):-2
           (2,5):1
                     (2,6):1
                                (2,7):2
                                           (2,8):2
                                                      (2,9):0
(3,4):-1
           (3,5):-1
                     (3,6):2
                                (3,7): -2
                                           (3,8):2
                                                      (3,9):0
(4,7):1
                                                      (5,9):2
           (4,8):3
                     (4,9):2
                                (5,7): -2
                                          (5,8):-1
(6,7):0
           (6,8):-1
                     (6,9):1
```

1321. Inequality 1321 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):3
                      (1,6):2
                                 (1,7):2
                                            (1,8):0
                                                      (1,9):-1
(2,4):-4
           (2,5):3
                      (2,6):1
                                (2,7):4
                                           (2,8):3
                                                      (2,9):1
(3,4):-1
           (3,5):-1
                                (3,7):-2
                      (3,6):1
                                           (3,8):2
                                                      (3,9):1
(4,7):2
                                (5,7):-4
           (4,8):3
                      (4,9):2
                                           (5,8):-3
                                                      (5,9):2
           (6,8):1
                      (6,9):-1
(6,7): -2
```

1322. Inequality 1322 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):1
           (1,5):-1
                                (1,7):1
                                           (1,8):-1
                                                      (1,9):2
(1,4):0
(2,4):-2
           (2,5):4
                     (2,6):2
                                (2,7):2
                                           (2,8):4
                                                      (2,9): -2
                                (3,7):-3
(3,4):-1
           (3,5): -3
                     (3,6):2
                                           (3,8):3
                                                      (3,9):2
(4,7):2
           (4,8):3
                     (4,9):2
                                (5,7): -3
                                          (5,8):-1
                                                      (5,9):4
           (6,8): -2
                     (6,9):0
(6,7):1
```

1323. Inequality 1323 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):4
(1,4): -2
           (1,5): -2
                      (1,6): -2
                                            (1,8): -2
                                                       (1,9):4
(2,4):-5
           (2,5):9
                                                       (2,9):-4
                      (2,6):4
                                 (2,7):5
                                            (2,8):9
(3,4):-5
           (3,5): -6
                                 (3,7):-5
                                            (3,8):6
                                                       (3,9):6
                      (3,6):4
(4,7):5
           (4,8):8
                      (4,9):5
                                 (5,7):-7
                                            (5,8):-3
                                                       (5,9):9
                      (6,9):2
(6,7):6
           (6,8): -6
```

1324. Inequality 1324 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):6
                     (1,6):4
                                (1,7):0
                                           (1,8):4
                                                     (1,9):-4
                                                     (2,9):2
(2,4):-5
           (2,5):3
                     (2,6):0
                                (2,7):5
                                          (2,8):5
(3,4):-2
          (3,5):-4
                     (3,6):4
                               (3,7):-5
                                          (3,8):5
                                                     (3,9):2
                               (5,7):-7
(4,7):3
           (4,8):5
                     (4,9):3
                                          (5,8): -3
                                                     (5,9):5
                     (6,9):2
(6,7):4
           (6,8): -6
```

1325. Inequality 1325 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):0
(1,4):2
           (1,5):4
                     (1,6):2
                                           (1,8):2
                                                     (1,9): -2
(2,4):-4
           (2,5):3
                     (2,6):0
                                (2,7):4
                                           (2,8):4
                                                     (2,9):1
(3,4):-2
                               (3,7):-4
           (3,5): -2
                     (3,6):3
                                           (3,8):4
                                                     (3,9):1
(4,7):2
           (4,8):4
                     (4,9):2
                               (5,7):-5
                                          (5,8):-3
                                                     (5,9):3
(6,7):3
           (6,8): -3
                     (6,9):1
```

1326. Inequality 1326 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):1
                     (1,6):2
                                (1,7):2
                                           (1,8):0
                                                      (1,9): -2
           (2,5):1
(2,4):-2
                     (2,6):0
                                (2,7):2
                                           (2,8):2
                                                      (2,9):1
(3,4):0
           (3,5):1
                     (3,6):-1
                                (3,7):-1
                                           (3,8):2
                                                      (3,9):-1
(4,7):2
           (4,8):2
                     (4,9):1
                                (5,7): -1
                                           (5,8):-2
                                                      (5,9):2
(6,7):-2
           (6,8):2
                     (6,9):1
```

1327. Inequality 1327 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5): -2
                      (1,6): -1
                                 (1,7):-1
                                             (1,8):2
                                                        (1,9):3
(2,4):-5
           (2,5):8
                                 (2,7):8
                                            (2,8):5
                                                       (2,9):-3
                      (2,6): -3
(3,4):-1
           (3,5):4
                      (3,6):3
                                 (3,7):-4
                                            (3,8):7
                                                       (3,9): -3
(4,7):4
           (4,8):6
                      (4,9):5
                                 (5,7):-4
                                            (5,8): -6
                                                        (5,9):8
           (6,8): -2
                      (6,9):0
(6,7):3
```

1328. Inequality 1328 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):2
                      (1,6):1
                                  (1,7):1
                                            (1,8):-1
                                                       (1,9): -2
(1,4):1
(2,4):-3
                                 (2,7):5
                                                       (2,9):-2
           (2,5):5
                      (2,6): -2
                                            (2,8):3
(3,4):-1
           (3,5):2
                      (3,6):2
                                 (3,7): -3
                                            (3,8):4
                                                       (3,9): -2
(4,7):2
           (4,8):4
                      (4,9):3
                                 (5,7): -3
                                            (5,8):-3
                                                       (5,9):5
(6,7):2
           (6,8):-1
                      (6,9):0
```

1329. Inequality 1329 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                     (1,6):1
                                (1,7):2
                                           (1,8): -2
                                                      (1,9): -2
(2,4):-3
           (2,5):5
                     (2,6): -2
                                (2,7):3
                                           (2,8):5
                                                      (2,9):-2
(3,4):-1
           (3,5):2
                     (3,6):1
                                (3,7):-1
                                           (3,8):2
                                                      (3,9):-1
(4,7):2
                                                      (5,9):5
           (4,8):4
                     (4,9):3
                                (5,7): -3
                                           (5,8): -3
(6,7):-1
           (6,8):2
                     (6,9):-1
```

1330. Inequality 1330 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                      (1,6): -1
                                 (1,7):2
                                            (1,8):1
                                                      (1,9):-1
(2,4):-5
                                            (2,8):2
           (2,5):2
                      (2,6): -3
                                 (2,7):5
                                                       (2,9):3
                                (3,7):-3
(3,4):-3
           (3,5):0
                                                       (3,9):1
                      (3,6):3
                                            (3,8):4
           (4,8):4
(4,7):1
                      (4,9):4
                                 (5,7):-4
                                           (5,8):-3
                                                       (5,9):3
(6,7):5
           (6,8): -2
                      (6,9):2
```

1331. Inequality 1331 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):1
           (1,5):4
                                 (1,7):0
                                            (1,8):3
                                                       (1,9):-3
(1,4):3
(2,4):-3
           (2,5):3
                      (2,6): -1
                                 (2,7):4
                                            (2,8):2
                                                       (2,9):1
                                 (3,7):-3
(3,4): -2
           (3,5): -1
                      (3,6):3
                                            (3.8):4
                                                       (3,9):3
(4,7):3
           (4,8):1
                      (4,9):4
                                 (5,7):-4
                                           (5,8):-4
                                                       (5,9):2
(6,7):2
           (6,8): -2
                      (6,9):-1
```

1332. Inequality 1332 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6): \overline{3}
                                                            (1,9): -\overline{3}
(1,4):1
                                    (1,7):-1
            (1,5):2
                                                (1,8): -2
(2,4):3
            (2,5): -2
                                                            (2,9):-2
                        (2,6):1
                                    (2,7):2
                                                (2,8):2
(3,4):2
            (3,5):2
                                    (3,7): -2
                                                (3,8):3
                                                            (3,9):-1
                        (3,6): -2
(4,7):-1
            (4,8): -2
                        (4,9):3
                                    (5,7):2
                                                (5,8):1
                                                             (5,9):1
                        (6,9):2
(6,7):0
            (6,8):2
```

1333. Inequality 1333 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):4
                      (1,6): -2
                                 (1,7):3
                                            (1,8):1
                                                       (1,9): -4
(2,4):-3
           (2,5):3
                      (2,6):1
                                 (2,7):3
                                            (2,8):4
                                                       (2,9):2
(3,4):1
           (3,5):2
                      (3,6):2
                                (3,7):-3
                                            (3,8):4
                                                       (3,9): -2
(4,7):1
                                (5,7):-3
           (4,8):2
                      (4,9):3
                                            (5,8):-4
                                                       (5,9):2
(6,7):1
           (6,8): -1
                      (6,9): -1
```

1334. Inequality 1334 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):1
                                 (1,7):-2
                                            (1,8):3
                                                      (1,9):-3
(1,4):0
                      (1,6):3
(2,4):-3
           (2,5):4
                      (2,6): -1
                                 (2,7):4
                                            (2,8):3
                                                      (2,9):-1
(3,4):-3
           (3,5): -3
                                (3,7):-1
                      (3,6):0
                                            (3,8):3
                                                       (3,9):4
(4,7):2
           (4,8):5
                      (4,9):3
                                 (5,7):-4
                                           (5,8):-1
                                                       (5,9):5
(6,7):3
           (6,8): -3
                      (6,9):2
```

1335. Inequality 1335 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):3
           (1,5):1
                      (1,6):6
                                 (1,7):3
                                            (1,8): -3
                                                       (1,9):-4
(2,4):-4
           (2,5): -5
                      (2,6):4
                                 (2,7):6
                                            (2,8):3
                                                       (2,9):0
(3,4): -2
           (3,5):5
                      (3,6):2
                                 (3,7): -2
                                            (3,8):3
                                                       (3,9): -4
(4,7):1
           (4,8):3
                      (4,9):-1
                                 (5,7):4
                                            (5,8):0
                                                       (5,9):5
           (6,8):0
(6,7):-4
                      (6,9):4
```

1336. Inequality 1336 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):3
           (1,5):3
                      (1,6): -1
                                 (1,7):-1
                                            (1,8):1
                                                       (1,9): -3
(2,4):-4
           (2,5):3
                                 (2,7):3
                                            (2,8):3
                                                       (2,9):0
                      (2,6): -1
(3,4):0
           (3,5):2
                      (3,6):3
                                 (3,7): -3
                                            (3,8):3
                                                       (3,9):1
(4,7):4
           (4,8):2
                      (4,9):3
                                 (5,7):0
                                            (5,8):-5
                                                       (5,9):3
(6,7):3
           (6,8): -2
                      (6,9): -2
```

1337. Inequality 1337 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-3
           (1,5): -2
                      (1,6): -1
                                 (1,7):2
                                            (1,8):1
                                                       (1,9):3
           (2,5):4
                      (2,6):-1
                                                       (2,9):-3
(2,4):-1
                                 (2,7):4
                                            (2,8):3
(3,4): -3
           (3,5):4
                      (3,6):2
                                 (3,7):-4
                                            (3,8):5
                                                       (3,9):0
(4,7):1
           (4,8):3
                      (4,9):3
                                 (5,7):1
                                            (5,8):-3
                                                       (5,9):4
(6,7):2
           (6,8): -1
                      (6,9):-1
```

1338. Inequality 1338 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):4
                     (1,6):4
                                (1,7):2
                                           (1,8):2
                                                     (1,9): -6
(2,4): -8
           (2,5):5
                     (2,6):0
                                (2,7):5
                                          (2,8):5
                                                     (2,9):3
(3,4):-3
          (3,5): -8
                     (3,6):6
                                (3,7):-5
                                          (3,8):8
                                                     (3,9):2
                                                     (5,9):5
(4,7):3
          (4,8):6
                     (4,9):6
                               (5,7):-7
                                          (5,8):1
                     (6,9):6
(6,7):2
          (6,8): -6
```

1339. Inequality 1339 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5): -2
                      (1,6):3
                                 (1,7): -3
                                            (1,8):2
                                                       (1,9):2
(2,4):0
                                                       (2,9):-1
           (2,5):3
                      (2,6):2
                                 (2,7):3
                                            (2,8):3
           (3,5):1
                      (3,6):2
                                 (3,7):-1
                                                       (3,9):1
(3,4): -2
                                            (3,8):3
                                 (5,7):-3
(4,7):3
           (4,8):0
                      (4,9):3
                                            (5,8): -2
                                                       (5,9):3
(6,7):1
           (6,8): -4
                      (6,9): -2
```

1340. Inequality 1340 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):0
                                 (1,7):-2
           (1,5):4
                                            (1,8):2
                                                       (1,9):-4
(1,4):4
(2,4):-4
           (2,5):4
                      (2,6): -1
                                 (2,7):4
                                            (2,8):3
                                                       (2,9):0
                                 (3,7):-3
(3,4):-1
           (3,5):1
                      (3,6):3
                                            (3.8):4
                                                       (3,9):2
(4,7):5
           (4,8):2
                      (4,9):4
                                (5,7):-1
                                           (5,8): -6
                                                       (5,9):4
(6,7):3
           (6,8): -3
                      (6,9): -2
```

1341. Inequality 1341 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):2
                                (1,7):0
                                           (1,8):0
                                                     (1,9): -2
(1,4):2
           (1,5):2
(2,4):-4
           (2,5):2
                                (2,7):3
                                           (2,8):3
                                                     (2,9):1
                     (2,6):1
                     (3,6):2
(3,4):-1
           (3,5):0
                               (3,7): -3
                                          (3,8):3
                                                     (3,9):-1
(4,7):2
           (4,8):3
                     (4,9):2
                                          (5,8):-2
                                                     (5,9):2
                               (5,7):-4
(6,7):2
                     (6,9):2
           (6,8):-1
```

1342. Inequality 1342 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):3
           (1,5):3
                     (1,6):2
                                (1,7):1
                                          (1,8):0
                                                    (1,9): -3
(2,4):-5
           (2,5):3
                     (2,6):2
                                (2,7):3
                                          (2,8):4
                                                     (2,9):1
(3,4):-1
          (3,5): -3
                     (3,6):4
                               (3,7):-3
                                          (3,8):4
                                                    (3,9):-1
           (4,8):4
                               (5,7):-5
(4,7):2
                     (4,9):3
                                          (5,8):0
                                                     (5,9):2
                     (6,9):2
(6,7):2
          (6,8): -4
```

1343. Inequality 1343 with incidence 30 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,7):1
                                             (1,8):1
(1,4):-2
           (1,5): -1
                      (1,6): -2
                                                        (1,9):3
(2,4):-1
                                            (2,8):2
           (2,5):3
                      (2,6): -1
                                 (2,7):2
                                                       (2,9):-1
(3,4): -2
                                 (3,7):-2
           (3,5):1
                      (3,6):3
                                            (3,8):3
                                                       (3,9):-1
                                 (5,7):-2
(4,7):0
           (4,8):3
                      (4,9):2
                                            (5,8): -2
                                                        (5,9):3
(6,7):3
           (6,8): -1
                      (6,9):2
```

1344. Inequality 1344 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):5
                      (1,6):1
                                 (1,7):2
                                            (1,8):3
                                                       (1,9):-3
(2,4):-9
           (2,5):5
                      (2,6): -4
                                 (2,7):9
                                                       (2,9):4
                                            (2,8):5
(3,4): -5
           (3,5): -3
                      (3,6):4
                                 (3,7):-5
                                            (3,8):5
                                                       (3,9):4
(4,7):2
           (4,8):7
                      (4,9):7
                                 (5,7): -8
                                            (5,8):-5
                                                       (5,9):6
(6,7):8
           (6,8): -5
                      (6,9):4
```

1345. Inequality 1345 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):3
           (1,5):7
                      (1,6):4
                                 (1,7):3
                                            (1,8): -3
                                                       (1,9): -6
(2,4):-5
           (2,5):7
                                 (2,7):7
                                            (2,8):5
                                                       (2,9): -2
                      (2,6): -2
(3,4):-3
           (3,5):-1
                      (3,6):8
                                 (3,7):-5
                                             (3,8):5
                                                       (3,9): -4
(4,7):2
           (4,8):5
                      (4,9):2
                                 (5,7):-7
                                            (5,8):0
                                                       (5,9):6
(6,7):4
           (6,8): -2
                      (6,9):4
```

1346. Inequality 1346 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):2
                      (1,6):2
                                (1,7):1
                                           (1,8):1
                                                     (1,9): -3
(1,4):1
                                                     (2,9):-1
(2,4):-5
           (2,5):5
                      (2,6):1
                                (2,7):5
                                           (2,8):5
(3,4): -2
           (3,5): -7
                     (3,6):5
                                (3,7):-5
                                           (3,8):7
                                                      (3,9):2
           (4,8):6
(4,7):4
                      (4,9):4
                                (5,7): -8
                                           (5,8):1
                                                      (5,9):7
(6,7):3
           (6,8): -6
                      (6,9):5
```

1347. Inequality 1347 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):2
                     (1,6):2
                                (1,7):0
                                           (1,8):1
                                                     (1,9): -3
(2,4):-5
           (2,5):4
                     (2,6):2
                                (2,7):4
                                           (2,8):4
                                                     (2,9):-1
(3,4): -2
           (3,5): -6
                     (3,6):4
                                (3,7):-4
                                           (3,8):6
                                                     (3,9):2
                                                     (5,9):5
(4,7):4
           (4,8):5
                     (4,9):4
                                (5,7): -6
                                          (5,8):1
(6,7):2
           (6,8): -5
                     (6,9):3
```

1348. Inequality 1348 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-4
           (1,5): -1
                      (1,6): -3
                                 (1,7):3
                                            (1,8):1
                                                       (1,9):4
(2,4):-1
           (2,5):3
                                                       (2,9): -2
                      (2,6):0
                                 (2,7):3
                                            (2,8):3
(3,4):-3
           (3,5):0
                                 (3,7):-3
                                                       (3,9):1
                      (3,6):3
                                            (3,8):4
                                            (5,8):-2
(4,7):1
           (4,8):4
                      (4,9):3
                                 (5,7):-2
                                                       (5,9):2
(6,7):4
           (6,8): -2
                      (6,9):2
```

1349. Inequality 1349 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):-1
                      (1,6): -4
                                  (1,7):3
                                             (1,8): -3
(1,4):1
                                                        (1,9):4
(2,4):-1
           (2,5):5
                      (2,6): -4
                                  (2,7):6
                                             (2,8):5
                                                        (2,9):-1
                                 (3,7):-2
                                                        (3,9):5
(3,4): -2
           (3,5): -4
                      (3,6): -1
                                             (3.8):4
(4,7):1
           (4,8):2
                      (4,9):1
                                 (5,7):-4
                                            (5,8): -1
                                                        (5,9):5
           (6,8):1
                      (6,9):4
(6,7):4
```

1350. Inequality 1350 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):7
                                 (1,7):4
(1,4):3
           (1,5):1
                                            (1,8):-4
                                                      (1,9):-5
(2,4):-3
           (2,5): -6
                                                       (2,9):1
                      (2,6):5
                                 (2,7):7
                                            (2,8):4
(3,4):-4
           (3,5):6
                      (3,6):2
                                 (3,7): -2
                                            (3,8):4
                                                       (3,9): -6
(4,7):1
           (4,8):4
                      (4,9):-1
                                                       (5,9):6
                                 (5,7):5
                                            (5,8):0
(6,7): -5
           (6,8):0
                      (6,9):5
```

1351. Inequality 1351 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):4
           (1,5):4
                      (1,6):4
                                 (1,7):-4
                                           (1,8):0
                                                      (1,9):0
                                                      (2,9):3
(2,4):4
           (2,5): -6
                      (2,6):3
                                 (2,7):2
                                           (2,8):6
(3,4):-5
           (3,5): -2
                      (3,6):5
                                (3,7):-2
                                           (3,8):7
                                                      (3,9): -3
(4,7):2
                     (4,9): -6
           (4,8):1
                                 (5,7):4
                                           (5,8):7
                                                      (5,9):3
(6,7):2
           (6,8): -7
                      (6,9):3
```

1352. Inequality 1352 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
                                (1,7):2
                                                     (1,9):-3
           (1,5):5
                     (1,6):1
                                           (1,8):3
(2,4):-5
           (2,5):4
                     (2,6):0
                                (2,7):4
                                           (2,8):4
                                                     (2,9):1
(3,4):-2
                               (3,7):-4
                                                     (3,9):3
           (3,5): -6
                     (3,6):3
                                          (3,8):6
(4,7):2
           (4,8):4
                     (4,9):3
                               (5,7): -7
                                          (5,8):-1
                                                     (5,9):5
(6,7):3
           (6,8): -4
                     (6,9):3
```

1353. Inequality 1353 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):4
           (1,5):4
                      (1,6): -1
                                 (1,7):-1
                                            (1,8):0
                                                       (1,9): -2
(2,4):-4
           (2,5):4
                      (2,6): -1
                                 (2,7):3
                                            (2,8):3
                                                       (2,9):-1
(3,4):0
           (3,5):2
                      (3,6):3
                                 (3,7): -3
                                            (3,8):3
                                                       (3,9):1
(4,7):4
           (4,8):3
                      (4,9):1
                                 (5,7):0
                                            (5,8):-5
                                                       (5,9):3
(6,7):3
           (6,8): -2
                      (6,9): -2
```

1354. Inequality 1354 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):4
           (1,5):4
                      (1,6):3
                                (1,7):1
                                           (1,8):0
                                                     (1,9): -4
(2,4): -6
                                (2,7):3
                                           (2,8):6
                                                      (2,9):2
           (2,5):4
                      (2,6):3
(3,4): -2
           (3,5): -4
                      (3,6):5
                                (3,7): -3
                                           (3,8):6
                                                     (3,9):-2
(4,7):2
           (4,8):6
                      (4,9):4
                                (5,7): -6
                                           (5,8):0
                                                      (5,9):2
           (6,8): -6
                      (6,9):2
(6,7):3
```

1355. Inequality 1355 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-2
           (1,5):2
                      (1,6):2
                                 (1,7):1
                                             (1,8):3
                                                       (1,9): -2
           (2,5): -1
                                            (2,8):2
                                                        (2,9):2
(2,4):-3
                      (2,6): -1
                                 (2,7):3
(3,4):-1
           (3,5): -2
                      (3,6):2
                                 (3,7): -3
                                            (3,8):2
                                                        (3,9):2
(4,7):2
           (4,8):3
                      (4,9):1
                                 (5,7):0
                                            (5,8):-1
                                                        (5,9):2
(6,7):1
           (6,8): -1
                      (6,9):1
```

1356. Inequality 1356 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4): -2
           (1,5):4
                      (1,6):4
                                  (1,7):1
                                             (1,8):5
                                                       (1,9): -4
(2,4):-5
           (2,5):0
                      (2,6): -2
                                 (2,7):3
                                             (2,8):3
                                                        (2,9):3
(3,4): -2
           (3,5): -4
                      (3,6):4
                                 (3,7):-4
                                             (3,8):2
                                                        (3,9):4
(4,7):3
           (4,8):5
                      (4,9):3
                                 (5,7):-1
                                            (5,8): -3
                                                        (5,9):4
                      (6,9):2
(6,7):2
           (6,8): -2
```

1357. Inequality 1357 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):2
                      (1,6):4
                                (1,7):2
                                           (1,8): -2
                                                      (1,9): -4
          (2,5): -5
                                (2,7):3
(2,4):1
                      (2,6):4
                                           (2,8):4
                                                      (2,9):1
(3,4):-3
           (3,5):3
                                (3,7):0
                                           (3,8):2
                                                      (3,9):-5
                      (3,6):3
(4,7):1
           (4,8):0
                                           (5,8):2
                                                      (5,9):5
                     (4,9):-1
                                (5,7):3
(6,7): -3
           (6,8): -2
                      (6,9):4
```

1358. Inequality 1358 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):5
                      (1,6):-1
                                 (1,7):-2
                                            (1,8):3
                                                       (1,9): -6
(1,4):5
(2,4): -6
           (2,5):4
                      (2,6): -4
                                 (2,7):4
                                            (2,8):4
                                                       (2,9): -2
                                 (3,7):-4
                                                       (3,9):3
(3,4):-4
           (3,5):5
                      (3,6):8
                                            (3.8):8
                                 (5,7):2
(4,7):6
           (4,8):5
                      (4,9):6
                                            (5,8):-7
                                                       (5,9):5
           (6,8): -3
                      (6,9): -6
(6,7):6
```

1359. Inequality 1359 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):4
                                 (1,7): -3
(1,4):-1
           (1,5): -4
                                            (1,8): -1
                                                       (1,9):5
(2,4):-4
                                                       (2,9):2
           (2,5):1
                      (2,6): -1
                                 (2,7):4
                                            (2,8):4
(3,4):0
                      (3,6):4
           (3,5):4
                                 (3,7):-4
                                            (3,8):5
                                                       (3,9):-1
(4,7):3
           (4,8):3
                      (4,9):3
                                            (5,8):-5
                                 (5,7):0
                                                       (5,9):4
(6,7):6
           (6,8): -2
                      (6,9): -3
```

1360. Inequality 1360 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):4
           (1,5): -4
                      (1,6):2
                                 (1,7):6
                                            (1,8): -2
                                                       (1,9): -6
(2,4):5
           (2,5):4
                      (2,6):3
                                 (2,7):-2
                                            (2,8):-5
                                                       (2,9):-1
(3,4):1
           (3,5): -4
                      (3,6):6
                                 (3,7):6
                                            (3,8): -3
                                                       (3,9):6
(4,7):1
           (4,8):5
                      (4,9):4
                                 (5,7):6
                                            (5,8):2
                                                       (5,9):0
                      (6,9):-3
(6,7): -5
           (6,8):3
```

1361. Inequality 1361 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):3
(1,4):3
          (1,5): -3
                     (1,6):0
                                            (1,8):1
                                                      (1,9): -4
(2,4):3
          (2,5):3
                     (2,6): -1
                                (2,7): -2
                                            (2,8):4
                                                      (2,9):-1
(3,4):0
          (3,5): -1
                                (3,7):3
                                           (3,8):2
                                                      (3,9):3
                     (3,6): -3
(4,7):0
          (4,8): -3
                     (4,9):3
                                (5,7):4
                                           (5,8):-2
                                                      (5,9):-1
(6,7):2
          (6,8):2
                      (6,9):2
```

1362. Inequality 1362 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
          (1,5): -3
                     (1,6):2
                                 (1,7):1
                                           (1,8):2
                                                      (1,9): -3
          (2,5):3
(2,4):2
                                (2,7): -3
                                           (2,8):2
                                                      (2,9):1
                     (2,6):1
(3,4):2
          (3,5):-1
                     (3,6): -3
                                (3,7):2
                                           (3,8):2
                                                      (3,9):2
(4,7):1
          (4,8): -2
                     (4,9):0
                                (5,7):3
                                           (5,8):0
                                                      (5,9): -2
(6,7):2
                     (6,9):2
          (6,8):0
```

1363. Inequality 1363 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                      (1,6):2
                                (1,7):1
                                           (1,8):1
                                                     (1,9): -3
(2,4):-2
                                (2,7):1
                                           (2,8):1
                                                      (2,9):1
           (2,5):1
                      (2,6):0
(3,4):0
           (3,5): -2
                      (3,6):3
                                (3,7): -2
                                           (3,8):2
                                                     (3,9):-1
(4,7):1
           (4,8):3
                      (4,9):3
                                (5,7): -2
                                           (5,8):0
                                                      (5,9):1
           (6,8): -3
                      (6,9):3
(6,7):1
```

1364. Inequality 1364 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):2
                      (1,6):2
                                 (1,7): -3
                                             (1,8):0
                                                       (1,9): -3
(1,4):4
(2,4):-2
                                 (2,7):5
                                             (2,8):2
                                                       (2,9):-3
           (2,5):5
                      (2,6): -3
(3,4): -3
           (3,5):2
                      (3,6):2
                                 (3,7):-2
                                             (3,8):4
                                                        (3,9):1
(4,7):3
           (4,8):4
                      (4,9):4
                                 (5,7):-1
                                            (5,8):-4
                                                        (5,9):4
(6,7):4
           (6,8): -2
                      (6,9): -1
```

1365. Inequality 1365 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5): -2
                      (1,6):1
                                 (1,7):4
                                                       (1,9): -4
                                            (1,8):-1
(2,4):3
           (2,5):2
                      (2,6):2
                                 (2,7):-1
                                            (2,8): -3
                                                       (2,9):-1
(3,4):0
           (3,5): -2
                      (3,6):4
                                 (3,7):4
                                            (3,8): -2
                                                        (3,9):4
                                                        (5,9):0
(4,7):1
           (4,8):3
                      (4,9):3
                                 (5,7):3
                                            (5,8):1
(6,7): -3
           (6,8):2
                      (6,9): -2
```

1366. Inequality 1366 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):2
                      (1,6):1
                                 (1,7):1
                                            (1,8): -1
                                                       (1,9): -3
(2,4):-2
           (2,5):3
                                            (2,8):2
                                                       (2,9):-1
                      (2,6): -1
                                 (2,7):3
                                                       (3,9): -2
(3,4):0
           (3,5):0
                      (3,6):2
                                 (3,7):-2
                                            (3,8):2
(4,7):1
           (4,8):4
                      (4,9):3
                                 (5,7): -3
                                            (5,8):-1
                                                       (5,9):3
(6,7):2
           (6,8): -2
                      (6,9):2
```

1367. Inequality 1367 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):-2
           (1,5):4
                      (1,6):2
                                            (1,8):2
                                                       (1,9): -2
(1,4):4
(2,4):-4
           (2,5):6
                      (2,6): -5
                                 (2,7):6
                                            (2,8):3
                                                       (2,9):-4
                                 (3,7):-3
                                                       (3,9):2
(3,4):-3
           (3,5):3
                      (3,6):5
                                            (3.8):6
(4,7):5
           (4,8):4
                      (4,9):4
                                 (5,7):-1
                                            (5,8): -6
                                                       (5,9):4
(6,7):5
           (6,8): -3
                      (6,9): -4
```

1368. Inequality 1368 with incidence 30 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,6): -4
                                 (1,7):4
(1,4): -4
           (1,5): -2
                                            (1,8):0
                                                       (1,9):6
(2,4):-1
                                                       (2,9):-3
           (2,5):4
                      (2,6): -1
                                 (2,7):3
                                            (2,8):4
           (3,5):1
(3,4):-4
                                 (3,7):-3
                                            (3,8):6
                                                       (3,9):2
                      (3,6):4
(4,7):1
           (4,8):4
                      (4,9):4
                                 (5,7):-1
                                                       (5,9):4
                                            (5,8):-4
(6,7):4
           (6,8): -2
                      (6,9):1
```

1369. Inequality 1369 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):3
                      (1,6):3
                                 (1,7):2
                                            (1,8):1
                                                       (1,9): -5
(2,4):-9
           (2,5):5
                      (2,6): -4
                                 (2,7):9
                                            (2,8):5
                                                       (2,9):4
(3,4): -5
           (3,5): -3
                      (3,6):6
                                 (3,7):-5
                                            (3,8):5
                                                       (3,9):2
(4,7):2
                                 (5,7):-7
           (4,8):8
                      (4,9):8
                                            (5,8):-3
                                                       (5,9):5
(6,7):7
           (6,8): -6
                      (6,9):6
```

1370. Inequality 1370 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):-3
                                                       (1,9):-3
(1,4):4
           (1,5):2
                      (1,6):3
                                            (1,8):-1
(2,4):-1
           (2,5):3
                      (2,6): -3
                                 (2,7):4
                                            (2,8): -1
                                                       (2,9): -2
(3,4): -4
                                                       (3,9):-1
           (3,5):2
                      (3,6):4
                                 (3,7):1
                                             (3,8):2
(4,7):4
           (4,8):1
                      (4,9):2
                                 (5,7): -2
                                             (5,8):0
                                                        (5,9):3
(6,7):4
           (6,8): -1
                      (6,9):1
```

1371. Inequality 1371 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                      (1,6):2
                                 (1,7):-1
                                            (1,8):1
                                                       (1,9):-1
           (2,5):4
(2,4): -6
                      (2,6): -2
                                 (2,7):6
                                                       (2,9):2
                                            (2,8):4
(3,4):-4
           (3,5): -2
                      (3,6):4
                                 (3,7):-4
                                            (3,8):4
                                                       (3,9):2
(4,7):2
           (4,8):6
                      (4,9):5
                                 (5,7):-5
                                            (5,8):-3
                                                       (5,9):4
(6,7):6
                      (6,9):2
           (6,8): -4
```

1372. Inequality 1372 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):4
           (1,5):5
                      (1,6):1
                                  (1,7):4
                                             (1,8):1
                                                       (1,9): -5
(2,4):-4
           (2,5):4
                                 (2,7):3
                                            (2,8):5
                                                       (2,9):3
                      (2,6): -1
(3,4): -2
           (3,5):2
                      (3,6):1
                                 (3,7): -3
                                            (3,8):4
                                                       (3,9): -2
(4,7): -2
           (4,8):4
                      (4,9):4
                                 (5,7):-4
                                            (5,8):-5
                                                       (5,9):2
(6,7):2
           (6,8):-1
                      (6,9):2
```

1373. Inequality 1373 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):6
                       (1,6):1
                                  (1,7):5
                                             (1,8):1
                                                        (1,9): -6
(1,4):5
(2,4):-5
           (2,5):5
                                  (2,7):5
                                                        (2,9):3
                      (2,6): -2
                                             (2,8):6
(3,4): -2
           (3,5):2
                      (3,6):2
                                 (3,7):-4
                                             (3,8):4
                                                        (3,9): -2
(4,7): -2
           (4,8):5
                       (4,9):5
                                 (5,7): -6
                                             (5,8): -6
                                                        (5,9):3
(6,7):4
           (6,8): -2
                       (6,9):3
```

1374. Inequality 1374 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4): -2
           (1,5):2
                      (1,6):2
                                  (1,7):2
                                             (1,8):4
                                                        (1,9): -4
(2,4): -8
           (2,5):3
                      (2,6): -5
                                 (2,7):8
                                             (2,8):3
                                                        (2,9):5
(3,4): -5
           (3,5): -3
                      (3,6):5
                                 (3,7):-5
                                             (3,8):6
                                                        (3,9):4
(4,7):3
           (4,8):8
                      (4,9):6
                                 (5,7):-5
                                            (5,8): -2
                                                        (5,9):5
           (6,8): -5
(6,7):7
                      (6,9):4
```

1375. Inequality 1375 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
          (1,5): -3
                      (1,6):4
                                (1,7):-4
                                           (1,8):0
                                                      (1,9):4
(2,4):-3
           (2,5):0
                      (2,6):1
                                (2,7):2
                                           (2,8):3
                                                      (2,9):3
(3,4):0
           (3,5):3
                                (3,7):-2
                                                      (3,9):-3
                      (3,6):3
                                           (3,8):5
                      (4,9):2
(4,7):3
           (4,8):3
                                (5,7):-1
                                           (5,8):-3
                                                      (5,9):4
(6,7):4
           (6,8): -4
                     (6,9): -2
```

1376. Inequality 1376 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):-1
                      (1,6):2
                                (1,7):-2
                                            (1,8):0
                                                       (1,9):2
(1,4):1
(2,4):-2
           (2,5):0
                      (2,6):1
                                (2,7):1
                                           (2,8):2
                                                      (2,9):2
(3,4):0
                                (3,7):-1
                                                      (3,9):-1
           (3,5):1
                      (3,6):1
                                           (3,8):2
(4,7):2
           (4,8):2
                      (4,9):1
                                 (5,7):0
                                           (5,8): -2
                                                      (5,9):2
          (6,8): -2
(6,7):2
                     (6,9): -2
```

1377. Inequality 1377 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,9): -\overline{4}
                       (1,6):2
                                  (1,7):-2
(1,4):2
           (1,5):3
                                              (1,8): -1
(2,4):3
           (2,5): -2
                                                          (2,9):-2
                       (2,6):1
                                  (2,7):3
                                              (2,8):3
(3,4):0
           (3,5):2
                       (3,6): -2
                                  (3,7): -3
                                              (3,8):3
                                                          (3,9):0
(4,7):-1
           (4,8): -3
                       (4,9):3
                                                          (5,9):2
                                  (5,7):4
                                              (5,8):1
(6,7):-1
            (6,8):3
                       (6,9):3
```

1378. Inequality 1378 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4): -1
           (1,5): -1
                      (1,6):1
                                 (1,7):0
                                            (1,8):-1
                                                       (1,9):2
(2,4):0
           (2,5):2
                      (2,6):1
                                 (2,7):1
                                            (2,8):1
                                                       (2,9):-1
(3,4): -2
           (3,5):0
                      (3,6):3
                                 (3,7):-1
                                            (3,8):3
                                                       (3,9):3
(4,7):4
                                 (5,7):-2
           (4,8):1
                      (4,9):4
                                            (5,8):-2
                                                       (5,9):3
           (6,8): -2
(6,7):2
                      (6,9): -3
```

1379. Inequality 1379 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):2
                                                       (1,9):-5
(1,4):3
           (1,5):5
                      (1,6): -2
                                            (1,8):3
(2,4):-4
           (2,5):3
                      (2,6):2
                                 (2,7):4
                                            (2,8):4
                                                       (2,9):3
(3,4):0
           (3,5):3
                                 (3,7):-4
                                                      (3,9):-1
                      (3,6):2
                                            (3,8):4
(4,7):4
           (4,8):1
                      (4,9):4
                                 (5,7):-2
                                            (5,8): -6
                                                       (5,9):3
(6,7):4
           (6,8): -2
                      (6,9): -4
```

1380. Inequality 1380 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):3
           (1,5):6
                      (1,6): -2
                                 (1,7):4
                                            (1,8):2
                                                       (1,9):-5
(2,4):-4
                      (2,6):1
           (2,5):4
                                 (2,7):4
                                            (2,8):6
                                                       (2,9):3
(3,4):0
           (3,5):2
                      (3,6):2
                                 (3,7):-4
                                            (3,8):6
                                                       (3,9): -2
(4,7):1
           (4,8):3
                      (4,9):3
                                (5,7):-4
                                            (5,8): -6
                                                       (5,9):2
(6,7):1
           (6,8): -1
                      (6,9):-1
```

1381. Inequality 1381 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):2
(1,4):3
                      (1,6):1
                                 (1,7):-2
                                            (1,8):0
                                                       (1,9): -2
(2,4):-2
           (2,5):3
                                 (2,7):3
                                            (2,8):3
                                                       (2,9):-3
                      (2,6): -2
(3,4):-1
           (3,5):1
                      (3,6):3
                                 (3,7): -3
                                            (3,8):4
                                                       (3,9):2
(4,7):4
           (4,8):3
                      (4,9):3
                                 (5,7):0
                                            (5,8): -3
                                                       (5,9):3
(6,7):2
           (6,8):-1
                      (6,9):-3
```

1382. Inequality 1382 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):3
                     (1,6):3
                                (1,7):-1
                                           (1,8):1
                                                     (1,9): -4
(1,4):4
                     (2,6):2
                                                     (2,9):0
(2,4): -6
           (2,5):4
                                (2,7):4
                                           (2,8):4
(3,4): -2
           (3,5): -6
                     (3,6):5
                                (3,7):-4
                                          (3,8):5
                                                     (3,9):2
(4,7):4
           (4,8):4
                     (4,9):4
                                (5,7):-5
                                           (5,8):0
                                                     (5,9):4
(6,7):2
           (6,8):-4
                     (6,9):2
```

1383. Inequality 1383 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):4
           (1,5): -2
                      (1,6): -1
                                 (1,7):2
                                             (1,8):3
                                                       (1,9): -4
(2,4):1
           (2,5):5
                      (2,6): -2
                                 (2,7):6
                                            (2,8):3
                                                        (2,9):5
(3,4):3
           (3,5):5
                      (3,6):1
                                 (3,7):-5
                                            (3,8):6
                                                        (3,9):2
                                                       (5,9):-5
(4,7):-1
           (4,8): -4
                      (4,9):3
                                 (5,7):0
                                            (5,8): -3
(6,7):2
           (6,8): -1
                      (6,9):1
```

1384. Inequality 1384 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                      (1,6):2
                                 (1,7):2
                                           (1,8): -2
                                                      (1,9): -3
(2,4):-1
           (2,5):-4
                      (2,6):2
                                 (2,7):3
                                           (2,8):3
                                                      (2,9):1
                                                      (3,9):-3
(3,4):-1
           (3,5):2
                      (3,6):2
                                (3,7):-2
                                           (3,8):2
                                (5,7):2
                                           (5,8):2
(4,7):0
           (4,8):2
                     (4,9):-1
                                                      (5,9):4
(6,7):-1
           (6,8):-1
                      (6,9):2
```

1385. Inequality 1385 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):3
           (1,5):3
                      (1,6):4
                                 (1,7):3
                                            (1,8):1
                                                       (1,9): -6
(2,4):-5
           (2,5):4
                      (2,6): -2
                                 (2,7):5
                                            (2,8):5
                                                       (2,9):3
                                 (3,7):-5
                                                       (3,9):-2
(3,4):-4
           (3,5):0
                      (3,6):6
                                            (3,8):5
(4,7):-2
           (4,8):4
                      (4,9):4
                                 (5,7): -3
                                            (5,8): -1
                                                       (5,9):3
           (6,8): -4
(6,7):2
                      (6,9):6
```

1386. Inequality 1386 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,9):-4
(1,4):1
           (1,5):2
                      (1,6):2
                                (1,7):1
                                           (1,8):2
(2,4):-4
           (2,5):3
                                (2,7):3
                                                     (2,9):3
                     (2,6): -2
                                           (2,8):3
           (3,5):-5
                     (3,6):5
(3,4):-3
                                (3,7):-4
                                           (3,8):5
                                                     (3,9):2
(4,7):1
           (4,8):3
                     (4,9):4
                                           (5,8):0
                                                     (5,9):4
                                (5,7):-4
(6,7):3
                      (6,9):5
           (6,8): -3
```

1387. Inequality 1387 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                     (1,6):2
                                (1,7):1
                                          (1,8):1
                                                     (1,9): -3
                                                     (2,9):2
(2,4):-5
           (2,5):4
                     (2,6):1
                                (2,7):1
                                          (2,8):3
                                                     (3,9):0
(3,4):-3
          (3,5): -4
                     (3,6):4
                               (3,7):-1
                                          (3,8):4
                               (5,7):-1
(4,7):1
          (4,8):3
                     (4,9):3
                                          (5,8):0
                                                     (5,9):1
                     (6,9):3
(6,7):1
          (6,8): -3
```

1388. Inequality 1388 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):4
                                 (1,7):-2
                                                       (1,9): -2
(1,4):2
                      (1,6):4
                                            (1,8):2
                                                       (2,9):3
(2,4):-9
           (2,5):6
                      (2,6): -3
                                 (2,7):9
                                            (2,8):6
(3,4): -6
           (3,5):-4
                                 (3,7): -6
                                                       (3,9):3
                      (3,6):7
                                            (3,8):6
                                 (5,7):-7
(4,7):3
           (4,8):8
                      (4,9):6
                                            (5,8):-4
                                                       (5,9):5
(6,7):9
           (6,8): -6
                      (6,9):3
```

1389. Inequality 1389 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                      (1,6):0
                                (1,7):-1
                                           (1,8):2
                                                      (1,9): -2
                                           (2,8):-2
(2,4):2
           (2,5):-1
                      (2,6):1
                                (2,7):2
                                                      (2,9): -2
(3,4):-1
           (3,5):0
                      (3,6):1
                                (3,7):2
                                           (3,8):2
                                                      (3,9):0
(4,7):-1
           (4,8):1
                      (4,9):2
                                (5,7):2
                                           (5,8):-2
                                                      (5,9):1
(6,7):0
           (6,8):1
                     (6,9):1
```

1390. Inequality 1390 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-3
           (1,5): -3
                     (1,6):3
                                (1,7):-4
                                           (1,8):3
                                                      (1,9):4
(2,4):-5
           (2,5):3
                     (2,6):2
                                (2,7):3
                                           (2,8):3
                                                      (2,9):0
(3,4):2
           (3,5):1
                     (3,6):5
                                (3,7):-4
                                           (3,8):3
                                                     (3,9): -5
(4,7):4
           (4,8):5
                     (4,9):5
                                (5,7):-4
                                          (5,8):-1
                                                      (5,9):4
                     (6,9):2
(6,7):5
           (6,8):-3
```

1391. Inequality 1391 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):2
                      (1,6):1
                                 (1,7):2
                                            (1,8):-1
                                                       (1,9): -4
(1,4):2
(2,4):-3
           (2,5):4
                                 (2,7):3
                                                       (2,9):1
                      (2,6): -2
                                            (2,8):3
(3,4):-1
           (3,5):2
                      (3,6):2
                                 (3,7):-2
                                            (3,8):2
                                                       (3,9): -3
(4,7):0
           (4,8):3
                      (4,9):3
                                 (5,7): -2
                                            (5,8):-2
                                                       (5,9):4
(6,7):1
           (6,8): -1
                      (6,9):3
```

1392. Inequality 1392 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):6
           (1,5):5
                      (1,6):2
                                 (1,7):-4
                                             (1,8):0
                                                       (1,9): -5
(2,4):-4
           (2,5):8
                      (2,6): -5
                                 (2,7):7
                                            (2,8):4
                                                       (2,9):-4
(3,4): -6
           (3,5):3
                      (3,6):3
                                 (3,7): -3
                                            (3,8):6
                                                       (3,9):3
                                                        (5,9):6
(4,7):4
           (4,8):6
                      (4,9):6
                                 (5,7):0
                                            (5,8): -6
(6,7):4
           (6,8): -2
                      (6,9): -2
```

1393. Inequality 1393 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                      (1,6):2
                                 (1,7):-1
                                            (1,8):1
                                                      (1,9):-1
(2,4):-3
           (2,5):3
                      (2,6): -1
                                 (2,7):3
                                            (2,8):3
                                                       (2,9):1
                                (3,7):-3
(3,4):-3
           (3,5):-1
                      (3,6):3
                                            (3,8):3
                                                       (3,9):1
                      (4,9):2
(4,7):0
                                (5,7):-2
           (4,8):3
                                           (5,8): -2
                                                       (5,9):2
(6,7):3
           (6,8): -2
                      (6,9):1
```

1394. Inequality 1394 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):1
           (1,5): -3
                                  (1,7):2
                                             (1,8):5
(1,4): -4
                                                        (1,9):5
(2,4):-2
           (2,5):5
                      (2,6): -1
                                 (2,7):7
                                            (2,8):4
                                                       (2,9):-5
                                 (3,7): -6
(3,4): -2
           (3,5):6
                      (3,6):1
                                            (3.8):6
                                                       (3,9):-3
(4,7):2
           (4,8):4
                      (4,9):2
                                 (5,7):1
                                            (5,8): -3
                                                        (5,9):6
(6,7):2
           (6,8): -2
                      (6,9):-1
```

1395. Inequality 1395 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):3
(1,4):0
           (1,5):3
                      (1,6): -1
                                            (1,8):2
                                                      (1,9):-3
(2,4):2
           (2,5):1
                                 (2,7):-1
                      (2,6):2
                                            (2,8):1
                                                      (2,9):-1
           (3,5):1
(3,4):-3
                      (3,6):2
                                 (3,7):1
                                            (3,8):3
                                                       (3,9):2
(4,7):4
           (4,8):2
                      (4,9):5
                                 (5,7):-3
                                           (5,8):-3
                                                       (5,9):3
(6,7):4
           (6,8): -5
                      (6,9): -2
```

1396. Inequality 1396 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):4
          (1,5): -3
                     (1,6):2
                                (1,7):-1
                                           (1,8):0
                                                      (1,9): -2
(2,4):2
          (2,5):3
                     (2,6):2
                                (2,7): -3
                                           (2,8):-1
                                                      (2,9):1
(3,4):3
          (3,5):1
                     (3,6): -3
                                (3,7):2
                                           (3,8):-1
                                                      (3,9):2
          (4,8):2
(4,7):1
                                (5,7):2
                                                      (5,9): -2
                     (4,9):0
                                           (5,8):1
(6,7):3
          (6,8):-1
                     (6,9):1
```

1397. Inequality 1397 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):-1
                                            (1,8):1
                                                       (1,9):-1
(1,4):1
           (1,5):2
                      (1,6):2
           (2,5):3
                                                       (2,9):2
(2,4):-5
                      (2,6): -1
                                 (2,7):5
                                            (2,8):4
(3,4): -4
           (3,5): -2
                                 (3,7):-4
                                                       (3,9):2
                      (3,6):4
                                            (3,8):4
(4,7):1
           (4,8):5
                      (4,9):4
                                 (5,7):-4
                                            (5,8): -2
                                                       (5,9):3
(6,7):5
           (6,8): -4
                      (6,9):2
```

1398. Inequality 1398 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):5
           (1,5):3
                      (1,6):2
                                  (1,7):3
                                             (1,8):0
                                                       (1,9): -3
                      (2,6): -1
(2,4):-2
           (2,5):2
                                 (2,7):3
                                                        (2,9):2
                                            (2,8):4
(3,4):-3
           (3,5):1
                      (3,6):3
                                 (3,7): -3
                                            (3,8):4
                                                       (3,9): -2
(4,7):-3
           (4,8):5
                      (4,9):2
                                 (5,7): -3
                                            (5,8):-3
                                                        (5,9):2
(6,7):3
           (6,8): -2
                      (6,9):1
```

1399. Inequality 1399 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):4
           (1,5):3
                      (1,6):2
                                  (1,7):2
                                             (1,8):0
                                                       (1,9): -3
(2,4):-2
           (2,5):2
                                 (2,7):3
                                            (2,8):3
                                                        (2,9):1
                      (2,6):-1
(3,4): -2
           (3,5):1
                      (3,6):2
                                 (3,7): -3
                                            (3,8):3
                                                       (3,9):-1
(4,7): -2
           (4,8):4
                      (4,9):2
                                 (5,7): -3
                                            (5,8): -3
                                                        (5,9):2
(6,7):3
           (6,8):-1
                      (6,9):1
```

1400. Inequality 1400 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):1
                      (1,6):1
                                  (1,7):1
                                             (1,8):2
                                                       (1,9): -2
           (2,5):2
                                 (2,7):6
                                             (2,8):2
                                                        (2,9):4
(2,4): -6
                      (2,6):-4
(3,4):-3
           (3,5): -2
                      (3,6):1
                                 (3,7): -3
                                             (3,8):3
                                                        (3,9):4
(4,7):3
           (4,8):6
                      (4,9):5
                                 (5,7): -3
                                            (5,8):-1
                                                        (5,9):3
(6,7):4
           (6,8): -4
                      (6,9):4
```

1401. Inequality 1401 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):3
           (1,5):4
                      (1,6):3
                                 (1,7):3
                                                       (1,9): -4
                                            (1,8): -3
(2,4):2
           (2,5): -6
                      (2,6):4
                                 (2,7):3
                                            (2,8):5
                                                       (2,9):2
(3,4):-4
           (3,5):2
                      (3,6):5
                                 (3,7):-1
                                            (3,8):4
                                                       (3,9): -6
(4,7):-1
           (4,8):2
                      (4,9): -2
                                 (5,7):2
                                            (5,8):4
                                                       (5,9):6
(6,7): -2
           (6,8):-4
                      (6,9):4
```

1402. Inequality 1402 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):3
           (1,5):4
                      (1,6):4
                                 (1,7):4
                                           (1,8):-4
                                                      (1,9):-5
          (2,5): -7
(2,4):2
                      (2,6):5
                                 (2,7):4
                                           (2,8):6
                                                      (2,9):2
(3,4):-4
           (3,5):3
                                (3,7):-1
                      (3,6):5
                                           (3,8):4
                                                      (3,9):-7
(4,7):-1
           (4,8):2
                     (4,9): -2
                                (5,7):3
                                           (5,8):4
                                                      (5,9):7
(6,7): -3
          (6,8):-4
                      (6,9):5
```

1403. Inequality 1403 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):6
                      (1,6):0
                                 (1,7):6
                                                       (1,9): -6
(1,4):4
                                            (1,8): -2
(2,4):4
           (2,5): -4
                      (2,6):3
                                 (2,7):-4
                                            (2,8):5
                                                       (2,9):-4
                                                       (3,9):2
(3,4):3
           (3,5):0
                      (3,6): -3
                                 (3,7):5
                                            (3.8):3
(4,7):-3
           (4,8): -5
                      (4,9):5
                                 (5,7): -6
                                            (5,8):6
                                                       (5,9):2
(6,7):6
           (6,8):3
                      (6,9):3
```

1404. Inequality 1404 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6): -1
                                           (1,8):0
                                                     (1,9):-1
(1,4):4
           (1,5):5
                                (1,7):-1
(2,4):-4
          (2,5):2
                                (2,7):4
                                           (2,8):5
                                                     (2,9):-1
                     (2,6):-4
(3,4):-4
          (3,5):6
                     (3,6):3
                                (3,7):-4
                                           (3,8):4
                                                      (3,9):1
(4,7):0
          (4,8):5
                     (4,9):1
                                (5,7):4
                                          (5,8):-5
                                                      (5,9):2
(6,7):3
           (6,8):1
                     (6,9): -2
```

1405. Inequality 1405 with incidence 30 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):3
           (1,5): -3
                      (1,6): -2
                                 (1,7):3
                                            (1,8):-1
                                                       (1,9):0
(2,4):2
           (2,5):3
                      (2,6): -1
                                 (2,7):3
                                            (2,8): -2
                                                       (2,9):1
(3,4):2
           (3,5):1
                      (3,6):0
                                 (3,7):-2
                                            (3,8):-1
                                                       (3,9):2
(4,7):-1
           (4,8):3
                      (4,9):-1
                                 (5,7):0
                                            (5,8):1
                                                       (5,9): -2
                      (6,9):2
(6,7):3
           (6,8):2
```

1406. Inequality 1406 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):3
                                (1,7):2
                                                     (1,9): -2
(1,4):-2
                     (1,6):4
                                           (1,8):1
(2,4):-4
                     (2,6):-4
                                (2,7):6
          (2,5):3
                                           (2,8):6
                                                      (2,9):1
(3,4):-2
          (3,5):3
                                (3,7):-4
                                                     (3,9):-1
                     (3,6): -3
                                           (3,8):7
                                          (5,8): -4
(4,7):2
          (4,8):4
                     (4,9):2
                                (5,7): -2
                                                      (5,9):3
(6,7):0
           (6,8):4
                     (6,9):1
```

1407. Inequality 1407 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4): -\overline{2}
           (1,5):1
                      (1,6):2
                                  (1,7):1
                                             (1,8):1
                                                        (1,9):-1
(2,4):-2
           (2,5):0
                      (2,6): -2
                                  (2,7):2
                                             (2,8):3
                                                         (2,9):1
(3,4):-1
           (3,5):1
                      (3,6): -1
                                 (3,7): -2
                                             (3,8):3
                                                         (3,9):0
(4,7):1
           (4,8):3
                      (4,9):1
                                  (5,7):0
                                             (5,8):-2
                                                         (5,9):2
(6,7):0
           (6,8):2
                      (6,9):1
```

1408. Inequality 1408 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):2
                      (1,6): -2
                                 (1,7):2
                                            (1,8):1
                                                       (1,9):0
(2,4):-1
           (2,5):3
                                 (2,7):3
                                            (2,8):1
                                                       (2,9): -2
                      (2,6):2
(3,4):-1
           (3,5):-1
                      (3,6):1
                                 (3,7): -2
                                            (3,8):2
                                                       (3,9):1
(4,7):3
           (4,8):1
                      (4,9):3
                                 (5,7):-4
                                            (5,8):-1
                                                       (5,9):3
(6,7):0
           (6,8):0
                      (6,9):1
```

1409. Inequality 1409 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,8):1
                                                      (1,9):0
(1,4):-1
           (1,5):2
                     (1,6): -2
                                (1,7):2
(2,4):-1
          (2,5):2
                                (2,7):3
                                                     (2,9):-1
                     (2,6):2
                                           (2,8):1
(3,4):-1
          (3,5):0
                     (3,6):1
                                (3,7):-2
                                           (3,8):2
                                                      (3,9):0
(4,7):2
          (4,8):1
                     (4,9):2
                                (5,7): -3
                                          (5,8):-1
                                                      (5,9):2
(6,7):0
           (6,8):0
                     (6,9):1
```

1410. Inequality 1410 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):1
                      (1,6):3
                                 (1,7):1
                                                       (1,9): -2
                                            (1,8):-1
(2,4):-3
           (2,5): -3
                      (2,6):3
                                 (2,7):4
                                            (2,8):3
                                                       (2,9):0
(3,4):-1
           (3,5):2
                      (3,6):1
                                 (3,7):-2
                                            (3,8):2
                                                       (3,9): -2
(4,7):1
           (4,8):2
                      (4,9):-1
                                 (5,7):2
                                            (5,8):1
                                                       (5,9):3
                      (6,9):2
(6,7): -2
           (6,8): -1
```

1411. Inequality 1411 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):1
                      (1,6):3
                                 (1,7):-1
                                            (1,8):2
                                                       (1,9): -2
(2,4):-2
                                            (2,8):2
           (2,5):0
                      (2,6): -1
                                 (2,7):3
                                                       (2,9):2
(3,4):-1
           (3,5):1
                                 (3,7):-1
                                                       (3,9):0
                      (3,6): -1
                                            (3,8):2
                                 (5,7):-2
                      (4,9):1
(4,7):1
           (4,8):2
                                            (5,8):-1
                                                       (5,9):3
(6,7):2
           (6,8): -1
                      (6,9):2
```

1412. Inequality 1412 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-2
           (1,5):1
                     (1,6):2
                                (1,7):1
                                                     (1,9):-1
                                           (1,8):1
(2,4):-2
          (2,5):0
                     (2,6): -2
                                (2,7):3
                                           (2,8):2
                                                     (2,9):1
                               (3,7):-2
(3,4):-1
          (3,5):1
                    (3,6):-1
                                          (3,8):3
                                                     (3,9):0
(4,7):2
          (4,8):2
                     (4,9):1
                               (5,7):-1
                                          (5,8):-1
                                                     (5,9):2
(6,7):1
           (6,8):1
                     (6,9):1
```

1413. Inequality 1413 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6): \overline{2}
                                  (1,7):1
(1,4):-1
            (1,5):2
                                              (1,8):1
                                                         (1,9):-1
(2,4):-4
            (2,5):2
                                                         (2,9):4
                       (2,6): -4
                                  (2,7):4
                                              (2,8):4
(3,4): -2
           (3,5): -2
                       (3,6):2
                                  (3,7):-3
                                              (3,8):3
                                                         (3,9):2
(4,7):1
            (4,8):3
                       (4,9):3
                                  (5,7):-3
                                             (5,8):-3
                                                         (5,9):4
(6,7):2
            (6,8):0
                       (6,9):2
```

1414. Inequality 1414 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):3
                      (1,6):1
                                 (1,7):3
                                            (1,8):2
                                                       (1,9): -2
(2,4):-2
           (2,5):1
                      (2,6): -2
                                 (2,7):2
                                            (2,8):1
                                                       (2,9):2
(3,4): -2
           (3,5):-1
                      (3,6):2
                                 (3,7):-3
                                            (3,8):4
                                                       (3,9):2
(4,7):3
                                 (5,7):-4
           (4,8):2
                      (4,9):4
                                            (5,8):-2
                                                       (5,9):3
(6,7):1
           (6,8): -1
                      (6,9):1
```

1415. Inequality 1415 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):-1
(1,4):-1
           (1,5):1
                      (1,6):3
                                            (1,8):2
                                                       (1,9): -2
(2,4): -6
                                            (2,8):3
           (2,5):4
                      (2,6): -3
                                 (2,7):6
                                                       (2,9):2
(3,4):-2
                                 (3,7):-2
                                                       (3,9):2
           (3,5):0
                      (3,6):2
                                            (3,8):4
(4,7):3
           (4,8):5
                      (4,9):5
                                 (5,7):-4
                                            (5,8):-4
                                                       (5,9):5
(6,7):4
           (6,8): -4
                      (6,9):2
```

1416. Inequality 1416 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):1
                      (1,6):3
                                 (1,7):-1
                                            (1,8):2
                                                       (1,9): -2
(2,4):-4
                      (2,6):0
           (2,5):2
                                 (2,7):4
                                                       (2,9):2
                                            (2,8):4
(3,4):-3
           (3,5):1
                      (3,6): -1
                                 (3,7): -2
                                            (3,8):3
                                                       (3,9):2
(4,7):1
           (4,8):4
                      (4,9):3
                                 (5,7):-2
                                            (5,8):-3
                                                       (5,9):3
(6,7):2
           (6,8): -2
                      (6,9):2
```

1417. Inequality 1417 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5): -1
                      (1,6):2
                                 (1,7):-2
                                             (1,8):1
                                                        (1,9):0
(2,4):0
           (2,5):3
                                 (2,7):2
                                            (2,8):2
                                                       (2,9): -2
                      (2,6):1
(3,4): -2
           (3,5):0
                      (3,6):2
                                 (3,7):-1
                                            (3,8):3
                                                       (3,9):2
                                            (5,8): -2
(4,7):3
           (4,8):1
                      (4,9):4
                                 (5,7): -3
                                                        (5,9):3
           (6,8): -3
                      (6,9):-1
(6,7):1
```

1418. Inequality 1418 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):3
                      (1,6):2
                                 (1,7):-1
                                            (1,8):1
                                                       (1,9): -2
(1,4):1
                                                       (2,9):3
(2,4): -6
           (2,5):5
                      (2,6): -3
                                 (2,7):6
                                            (2,8):5
(3,4):-5
           (3,5): -2
                      (3,6):4
                                 (3,7):-5
                                            (3,8):5
                                                       (3,9):3
(4,7):1
           (4,8):6
                      (4,9):5
                                 (5,7):-4
                                            (5,8):-5
                                                       (5,9):5
(6,7):5
           (6,8): -2
                      (6,9):2
```

1419. Inequality 1419 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                      (1,6):2
                                 (1,7):-1
                                             (1,8):1
                                                       (1,9):-1
(2,4):-4
           (2,5):3
                      (2,6): -1
                                 (2,7):4
                                             (2,8):3
                                                        (2,9):1
(3,4): -2
           (3,5): -2
                      (3,6):3
                                 (3,7): -3
                                             (3,8):3
                                                        (3,9):1
(4,7):2
           (4,8):4
                      (4,9):3
                                 (5,7):-4
                                            (5,8): -2
                                                        (5,9):3
(6,7):4
           (6,8): -3
                      (6,9):1
```

1420. Inequality 1420 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                      (1,6):1
                                (1,7):-1
                                            (1,8):0
                                                      (1,9):-1
(2,4):-4
           (2,5):3
                     (2,6): -2
                                 (2,7):4
                                           (2,8):3
                                                      (2,9):2
(3,4):-3
           (3,5):-1
                      (3,6):2
                                (3,7):-3
                                           (3,8):3
                                                      (3,9):2
                                (5,7):-2
(4,7):1
           (4,8):4
                      (4,9):3
                                           (5,8):-3
                                                      (5,9):3
(6,7):3
           (6,8): -1
                      (6,9):1
```

1421. Inequality 1421 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-2
           (1,5):-3
                      (1,6):3
                                (1,7):-1
                                           (1,8): -2
                                                      (1,9):5
(2,4):-5
           (2,5):2
                     (2,6): -1
                                 (2,7):4
                                           (2,8):4
                                                      (2,9):2
(3,4):-1
           (3,5):3
                      (3,6):4
                                (3,7):-4
                                           (3.8):5
                                                      (3,9):1
(4,7):3
           (4,8):3
                      (4,9):4
                                 (5,7):0
                                           (5,8):-5
                                                      (5,9):3
(6,7):4
           (6,8):-1
                     (6,9): -3
```

1422. Inequality 1422 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):1
(1,4):1
           (1,5):2
                      (1,6): -1
                                            (1,8):1
                                                       (1,9): -2
(2,4):4
           (2,5):-1
                                                       (2,9):0
                      (2,6):3
                                 (2,7):-1
                                            (2,8):-1
           (3,5):2
(3,4):-3
                                 (3,7):-1
                                            (3,8):4
                                                       (3,9):1
                      (3,6):3
(4,7):1
           (4,8):3
                      (4,9):4
                                 (5,7):-1
                                            (5,8):-3
                                                       (5,9):3
(6,7):1
           (6,8): -2
                      (6,9): -2
```

1423. Inequality 1423 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                      (1,6): -1
                                 (1,7):1
                                            (1,8):1
                                                       (1,9): -2
(2,4): -6
           (2,5):3
                      (2,6): -3
                                 (2,7):3
                                            (2,8):3
                                                       (2,9):0
(3,4):-3
           (3,5):4
                      (3,6):5
                                 (3,7):-3
                                            (3,8):6
                                                       (3,9):1
(4,7):3
                      (4,9):6
                                 (5,7):-1
           (4,8):5
                                            (5,8):-5
                                                       (5,9):5
           (6,8): -2
(6,7):3
                      (6,9): -2
```

1424. Inequality 1424 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):0
(1,4):2
           (1,5):2
                      (1,6):2
                                            (1,8):-1
                                                      (1,9): -3
(2,4):3
           (2,5): -3
                      (2,6):1
                                 (2,7):3
                                            (2,8):3
                                                      (2,9):-1
(3,4):1
                                 (3,7):-3
           (3,5):2
                     (3,6): -2
                                            (3,8):3
                                                      (3,9):-1
(4,7):-3
           (4,8): -2
                      (4,9):3
                                 (5,7):3
                                            (5,8):2
                                                       (5,9):2
(6,7):0
           (6,8):1
                      (6,9):2
```

1425. Inequality 1425 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):3
           (1,5):2
                      (1,6):2
                                 (1,7):1
                                            (1,8):-1
                                                       (1,9): -3
           (2,5):-4
(2,4):4
                                 (2,7):4
                                                       (2,9):-1
                      (2,6):1
                                            (2,8):4
(3,4):3
           (3,5):2
                      (3,6): -4
                                 (3,7):-4
                                            (3,8):4
                                                       (3,9):-1
(4,7):-3
           (4,8): -3
                      (4,9):4
                                 (5,7):4
                                            (5,8):3
                                                       (5,9):3
                      (6,9):2
(6,7): -2
           (6,8):1
```

1426. Inequality 1426 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):3
           (1,5):4
                      (1,6):2
                                  (1,7):0
                                             (1,8): -2
                                                        (1,9): -3
(2,4):5
           (2,5): -5
                                  (2,7):5
                                             (2,8):5
                                                        (2,9):-1
                      (2,6):1
(3,4):3
           (3,5):2
                      (3,6): -3
                                 (3,7):-5
                                             (3,8):5
                                                        (3,9): -2
(4,7): -3
           (4,8): -4
                      (4,9):4
                                 (5,7):5
                                             (5,8):5
                                                        (5,9):3
(6,7): -2
                      (6,9):1
           (6,8):1
```

1427. Inequality 1427 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5): -2
                                 (1,7):-1
                                            (1,8):-1
                                                       (1,9):3
(1,4):-1
                      (1,6):2
(2,4):-5
           (2,5):4
                      (2,6): -1
                                 (2,7):4
                                            (2,8):4
                                                       (2,9):0
(3,4):-1
           (3,5):4
                      (3,6):4
                                 (3,7):-4
                                            (3,8):5
                                                       (3,9):0
(4,7):3
           (4,8):4
                      (4,9):4
                                 (5,7):-1
                                            (5,8):-5
                                                       (5,9):4
(6,7):3
           (6,8):-1
                      (6,9): -3
```

1428. Inequality 1428 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5): -2
                      (1,6):2
                                 (1,7):-1
                                            (1,8):-1
                                                       (1,9):3
(2,4): -6
           (2,5):4
                      (2,6): -2
                                 (2,7):4
                                            (2,8):4
                                                       (2,9):0
                      (3,6):5
(3,4):-2
           (3,5):5
                                 (3,7):-4
                                            (3,8):6
                                                       (3,9):0
(4,7):3
           (4,8):5
                      (4,9):5
                                 (5,7):-1
                                            (5,8):-5
                                                       (5,9):5
(6,7):3
           (6,8):-1
                      (6,9): -3
```

1429. Inequality 1429 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5): -2
                      (1,6):2
                                 (1,7):-1
                                            (1,8): -1
                                                       (1,9):3
(2,4):-4
           (2,5):2
                      (2,6): -1
                                 (2,7):3
                                            (2,8):3
                                                       (2,9):1
(3,4):-1
                                 (3,7):-3
                                                       (3,9):0
           (3,5):3
                      (3,6):3
                                            (3.8):4
(4,7):2
           (4,8):3
                      (4,9):3
                                 (5,7):0
                                            (5,8):-4
                                                       (5,9):3
(6,7):3
           (6,8):-1
                      (6,9): -2
```

1430. Inequality 1430 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5): -2
                      (1,6):2
                                 (1,7):-1
(1,4):2
                                            (1,8): -1
                                                       (1,9):0
(2,4):-1
           (2,5):3
                      (2,6):1
                                 (2,7):3
                                            (2,8):3
                                                       (2,9):-1
                                 (3,7):-3
                                                       (3,9):0
(3,4): -2
           (3,5):3
                      (3,6):3
                                            (3,8):5
(4,7):1
           (4,8):3
                      (4,9):3
                                 (5,7):-1
                                            (5,8):-4
                                                       (5,9):3
           (6,8): -2
                      (6,9):-1
(6,7):1
```

1431. Inequality 1431 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):1
                                 (1,7):2
(1,4):2
           (1,5):4
                                            (1,8):2
                                                      (1,9):-1
(2,4):-5
           (2,5):5
                                                       (2,9):0
                      (2,6): -2
                                 (2,7):4
                                            (2,8):4
           (3,5):3
                      (3,6):3
(3,4):-3
                                (3,7):-3
                                            (3,8):6
                                                       (3,9):0
(4,7):1
           (4,8):4
                      (4,9):3
                                (5,7):-3
                                                       (5,9):3
                                           (5,8): -6
(6,7):1
           (6,8): -2
                      (6,9): -1
```

1432. Inequality 1432 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                      (1,6): -1
                                 (1,7):1
                                            (1,8):1
                                                       (1,9): -2
                      (2,6): -2
(2,4):-5
           (2,5):3
                                 (2,7):3
                                            (2,8):3
                                                       (2,9):0
(3,4): -2
           (3,5):4
                      (3,6):4
                                 (3,7):-3
                                            (3,8):5
                                                       (3,9):0
                      (4,9):4
                                 (5,7):-1
(4,7):2
           (4,8):4
                                            (5,8):-4
                                                       (5,9):4
                      (6,9): -2
(6,7):2
           (6,8): -1
```

1433. Inequality 1433 with incidence 29 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,7):1
                                                     (1,9):-3
(1,4):1
           (1,5):2
                     (1,6):2
                                           (1,8):1
                                           (2,8):2
(2,4):-3
          (2,5):1
                     (2,6):1
                                (2,7):2
                                                      (2,9):1
(3,4):-1
          (3,5):3
                                (3,7):-2
                                                     (3,9):-1
                     (3,6): -2
                                           (3,8):3
                                                      (5,9):3
(4,7):1
          (4,8):3
                     (4,9):3
                                (5,7):0
                                          (5,8):-3
(6,7): -2
           (6,8):0
                     (6,9):1
```

1434. Inequality 1434 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5): -1
                      (1,6): -1
                                  (1,7):0
                                             (1,8):1
                                                        (1,9):2
                      (2,6):0
(2,4): -2
                                  (2,7):4
                                                        (2,9): -2
           (2,5):4
                                             (2,8):4
(3,4):-1
           (3,5):3
                       (3,6):1
                                 (3,7): -3
                                             (3,8):4
                                                        (3,9): -2
(4,7):1
           (4,8):3
                       (4,9):2
                                 (5,7):-1
                                             (5,8):-3
                                                        (5,9):4
(6,7):1
           (6,8): -1
                       (6,9):0
```

1435. Inequality 1435 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5): -3
                      (1,6):3
                                 (1,7): -3
                                            (1,8): -1
                                                        (1,9):3
(2,4):-2
           (2,5):2
                      (2,6):2
                                 (2,7):4
                                            (2,8):3
                                                       (2,9):1
(3,4):0
           (3,5):3
                      (3,6):3
                                 (3,7):-4
                                            (3,8):5
                                                       (3,9):-1
(4,7):3
           (4,8):2
                      (4,9):2
                                 (5,7): -2
                                            (5,8):-3
                                                       (5,9):3
(6,7):2
           (6,8): -2
                      (6,9): -2
```

1436. Inequality 1436 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):3
                     (1,6): -2
                                (1,7):2
                                                     (1,9):-4
(1,4):2
                                           (1,8):1
(2,4):-4
          (2,5):0
                                (2,7):4
                                                      (2,9):2
                     (2,6): -2
                                           (2,8):4
(3,4):0
          (3,5):2
                     (3,6):2
                               (3,7):-4
                                           (3,8):5
                                                     (3,9):-1
(4,7):2
          (4,8):3
                     (4,9):3
                               (5,7):-1
                                          (5,8):-3
                                                      (5,9):3
(6,7):3
          (6,8):0
                     (6,9):-1
```

1437. Inequality 1437 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):3
           (1,5):3
                     (1,6):1
                                (1,7):2
                                           (1,8):0
                                                     (1,9): -3
(2,4):-5
           (2,5):3
                     (2,6):1
                                (2,7):4
                                           (2,8):4
                                                      (2,9):1
(3,4):0
           (3,5):0
                     (3,6):2
                               (3,7):-4
                                           (3,8):4
                                                     (3,9):-2
(4,7):2
                                                      (5,9):2
           (4,8):4
                     (4,9):4
                               (5,7):-5
                                          (5,8): -3
                     (6,9):2
(6,7):1
          (6,8):-1
```

1438. Inequality 1438 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):3
           (1,5):3
                      (1,6):2
                                 (1,7):1
                                            (1,8): -1
                                                       (1,9): -4
(2,4):-3
           (2,5):5
                      (2,6): -1
                                 (2,7):4
                                            (2,8):4
                                                       (2,9):-1
                                 (3,7):-4
(3,4):-2
           (3,5):0
                      (3,6):4
                                            (3,8):4
                                                       (3,9): -2
                                            (5,8):-2
(4,7):0
                      (4,9):3
           (4,8):5
                                 (5,7):-4
                                                       (5,9):4
(6,7):3
           (6,8): -2
                      (6,9):2
```

1439. Inequality 1439 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):4
                      (1,6):3
                                 (1,7):1
                                                       (1,9):-4
(1,4):3
                                            (1,8): -1
(2,4):-3
           (2,5):7
                      (2,6): -2
                                 (2,7):5
                                            (2,8):5
                                                       (2,9): -2
                                 (3,7):-5
(3,4):-3
           (3,5):0
                      (3,6):5
                                            (3,8):5
                                                       (3,9):-2
(4,7):0
           (4,8):6
                      (4,9):3
                                 (5,7):-5
                                            (5,8): -3
                                                       (5,9):5
           (6,8): -2
                      (6,9):2
(6,7):4
```

1440. Inequality 1440 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):0
                                          (1,8):2
(1,4):2
           (1,5):3
                     (1,6):3
                                                    (1,9): -4
                                          (2,8):4
                                                     (2,9):1
(2,4):-4
           (2,5):1
                     (2,6):2
                                (2,7):4
          (3,5): -3
                     (3,6):3
(3,4):-1
                               (3,7):-4
                                          (3,8):4
                                                     (3,9):1
(4,7):3
          (4,8):3
                     (4,9):3
                                          (5,8):0
                                                     (5,9):3
                               (5,7):-4
                     (6,9):2
(6,7):1
          (6,8): -5
```

1441. Inequality 1441 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):2
                      (1,6):2
                                (1,7):1
                                           (1,8):-1
                                                      (1,9): -2
(2,4):-3
           (2,5):1
                      (2,6):1
                                (2,7):2
                                           (2,8):2
                                                      (2,9):1
(3,4):-1
           (3,5): -2
                     (3,6):3
                                (3,7): -2
                                           (3,8):2
                                                      (3,9):0
                                                      (5,9):2
(4,7):1
           (4,8):3
                      (4,9):2
                                (5,7): -2
                                           (5,8):-1
(6,7):0
           (6,8):-1
                      (6,9):1
```

1442. Inequality 1442 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):4
(1,4):3
           (1,5):4
                      (1,6): -1
                                            (1,8):1
                                                       (1,9): -3
(2,4):-5
           (2,5):3
                      (2,6):1
                                 (2,7):4
                                            (2,8):5
                                                       (2,9):2
(3,4):1
                                 (3,7): -6
           (3,5):0
                      (3,6):2
                                            (3,8):5
                                                       (3,9): -2
(4,7):2
           (4,8):4
                      (4,9):5
                                 (5,7): -6
                                            (5,8):-4
                                                       (5,9):3
                      (6,9):1
           (6,8): -1
(6,7):2
```

1443. Inequality 1443 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):2
                      (1,6):2
                                 (1,7):0
                                            (1,8):-1
                                                       (1,9):-3
           (2,5):4
                      (2,6): -1
                                 (2,7):4
                                            (2,8):3
                                                       (2,9):-1
(2,4):-3
(3,4): -2
           (3,5):0
                      (3,6):3
                                 (3,7): -3
                                            (3,8):3
                                                       (3,9):-1
(4,7):1
           (4,8):5
                      (4,9):3
                                 (5,7):-4
                                            (5,8): -2
                                                       (5,9):4
(6,7):4
                      (6,9):2
           (6,8): -2
```

1444. Inequality 1444 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):1
(1,4):-3
           (1,5): -1
                      (1,6): -3
                                             (1,8):2
                                                        (1,9):4
(2,4):-1
                                  (2,7):3
                                             (2,8):3
                                                        (2,9): -2
           (2,5):4
                      (2,6): -1
(3,4):-3
           (3,5):1
                      (3,6):3
                                 (3,7): -3
                                             (3,8):4
                                                        (3,9):0
(4,7):1
           (4,8):3
                      (4,9):3
                                 (5,7): -2
                                            (5,8): -3
                                                        (5,9):3
(6,7):2
                      (6,9):2
           (6,8):1
```

1445. Inequality 1445 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5): -3
                      (1,6): -4
                                  (1,7):1
                                             (1,8):3
                                                        (1,9):6
(1,4):-3
                                                       (2,9):-2
(2,4):-3
           (2,5):6
                      (2,6): -1
                                 (2,7):5
                                            (2,8):5
(3,4):-3
           (3,5):1
                      (3,6):5
                                 (3,7):-5
                                            (3,8):6
                                                       (3,9): -2
(4,7):0
           (4,8):6
                      (4,9):3
                                 (5,7):-4
                                            (5,8):-3
                                                       (5,9):5
(6,7):5
           (6,8): -1
                      (6,9):4
```

1446. Inequality 1446 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):-1
                      (1,6):2
                                 (1,7): -2
                                            (1,8):2
                                                        (1,9):2
(2,4): -2
           (2,5):3
                      (2,6):1
                                 (2,7):2
                                            (2,8):2
                                                       (2,9):0
(3,4):0
           (3,5):-1
                      (3,6):1
                                 (3,7):-1
                                            (3,8):2
                                                       (3,9):-1
(4,7):3
           (4,8):1
                      (4,9):3
                                 (5,7): -3
                                            (5,8):-1
                                                       (5,9):3
(6,7):1
           (6,8): -2
                      (6,9): -1
```

1447. Inequality 1447 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4): -2
           (1,5):2
                      (1,6):2
                                 (1,7):2
                                            (1,8):4
                                                      (1,9): -4
(2,4):-7
           (2,5):3
                                 (2,7):7
                     (2,6): -4
                                            (2,8):3
                                                       (2,9):4
(3,4):-4
           (3,5):-4
                                (3,7):-5
                      (3,6):4
                                            (3,8):5
                                                       (3,9):4
(4,7):3
                                (5,7):-5
           (4,8):7
                      (4,9):5
                                           (5,8):-1
                                                       (5,9):5
(6,7):6
           (6,8):-4
                      (6,9):4
```

1448. Inequality 1448 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):2
           (1,5):3
                                 (1,7):3
                                            (1,8):2
                                                       (1,9):-3
(1,4):-1
(2,4):-2
           (2,5):1
                      (2,6): -1
                                 (2,7):2
                                            (2,8):1
                                                       (2,9):1
                                 (3,7):-4
(3,4):-1
           (3,5): -2
                      (3,6):2
                                            (3.8):3
                                                       (3,9):2
(4,7):4
           (4,8):2
                      (4,9):4
                                (5,7):-4
                                           (5,8): -1
                                                       (5,9):3
           (6,8):-1
                      (6,9):1
(6,7):1
```

1449. Inequality 1449 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):3
                      (1,6):2
                                 (1,7):2
(1,4):-1
                                            (1,8): -1
                                                      (1,9):-1
(2,4):-3
           (2,5):2
                                                       (2,9):1
                      (2,6): -1
                                 (2,7):3
                                            (2,8):2
(3,4):0
           (3,5): -2
                                (3,7):-2
                                            (3,8):3
                                                       (3,9):-1
                      (3,6):2
(4,7):3
           (4,8):2
                      (4,9):3
                                (5,7):-5
                                                       (5,9):3
                                            (5,8):1
                      (6,9):1
(6,7):1
           (6,8): -1
```

1450. Inequality 1450 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):1
                     (1,6):3
                                (1,7):-1
                                           (1,8):2
                                                      (1,9): -2
                                                      (2,9):2
                                (2,7):6
(2,4):-4
          (2,5):3
                     (2,6): -2
                                           (2,8):5
(3,4):-3
          (3,5):1
                     (3,6): -1
                                (3,7):-4
                                           (3,8):5
                                                      (3,9):2
(4,7):1
          (4,8):4
                     (4,9):3
                                (5,7): -2
                                           (5,8):-4
                                                      (5,9):3
(6,7):2
          (6,8):0
                     (6,9):2
```

1451. Inequality 1451 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):1
                                (1,7):0
                                                     (1,9):-1
(1,4):-1
                     (1,6):2
                                           (1,8):1
                     (2,6): -2
(2,4):-3
          (2,5):2
                                (2,7):4
                                           (2,8):4
                                                     (2,9):1
(3,4):-2
          (3,5):1
                               (3,7):-3
                     (3,6):-1
                                           (3,8):4
                                                     (3,9):1
(4,7):1
          (4,8):3
                     (4,9):2
                               (5,7):-1
                                          (5,8):-3
                                                     (5,9):2
(6,7):1
           (6,8):1
                     (6,9):1
```

1452. Inequality 1452 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5): -2
                      (1,6):2
                                (1,7):-1
                                           (1,8):-1
                                                       (1,9):1
(2,4):-3
           (2,5):0
                      (2,6):1
                                (2,7):3
                                           (2,8):3
                                                      (2,9):2
(3,4):-1
           (3,5):2
                      (3,6):3
                                (3,7): -3
                                           (3,8):5
                                                      (3,9): -2
(4,7):2
           (4,8):3
                      (4,9):2
                                (5,7): -2
                                           (5,8):-2
                                                      (5,9):4
(6,7):1
           (6,8): -2
                      (6,9):1
```

1453. Inequality 1453 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):1
                      (1,6):2
                                 (1,7):2
                                             (1,8):0
                                                       (1,9): -2
(2,4):-3
           (2,5):0
                                 (2,7):2
                                            (2,8):3
                                                       (2,9):3
                      (2,6): -1
(3,4):-1
           (3,5):-1
                      (3,6):1
                                 (3,7): -2
                                            (3,8):2
                                                       (3,9):1
(4,7):2
           (4,8):3
                      (4,9):2
                                 (5,7):-1
                                            (5,8): -3
                                                        (5,9):4
                      (6,9):2
(6,7):-1
           (6,8):1
```

1454. Inequality 1454 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4): -2
           (1,5):4
                       (1,6):8
                                  (1,7):-2
                                             (1,8):8
                                                        (1,9): -8
(2,4):-7
           (2,5):7
                                  (2,7):7
                      (2,6): -2
                                             (2,8):5
                                                         (2,9):0
(3,4): -7
           (3,5): -8
                       (3,6):2
                                  (3,7): -3
                                             (3,8):8
                                                         (3,9):8
(4,7):5
           (4,8):12
                       (4,9):5
                                  (5,7):-9
                                             (5,8):-1
                                                        (5,9):11
(6,7):6
           (6,8): -8
                       (6,9):6
```

1455. Inequality 1455 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):2
                      (1,6):3
                                  (1,7):0
                                             (1,8):3
                                                       (1,9): -3
(2,4):-3
           (2,5):1
                      (2,6): -1
                                 (2,7):3
                                            (2,8):2
                                                        (2,9):2
(3,4):-1
           (3,5): -2
                      (3,6):2
                                 (3,7): -3
                                            (3,8):2
                                                        (3,9):2
                      (4,9):2
(4,7):2
           (4,8):3
                                 (5,7): -3
                                            (5,8):-1
                                                        (5,9):3
                      (6,9):2
(6,7):3
           (6,8): -3
```

1456. Inequality 1456 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):1
                      (1,6):2
                                 (1,7):0
                                            (1,8):1
                                                       (1,9):-1
(2,4):-2
                                 (2,7):2
                                            (2,8):2
           (2,5):1
                      (2,6):0
                                                       (2,9):1
(3,4):-2
           (3,5):1
                                 (3,7):-1
                      (3,6): -1
                                            (3,8):2
                                                       (3,9):1
                                            (5,8):-2
           (4,8):2
(4,7):1
                      (4,9):2
                                 (5,7):-1
                                                       (5,9):2
(6,7):1
           (6,8): -1
                      (6,9):1
```

1457. Inequality 1457 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):1
           (1,5):2
                                 (1,7):2
                                            (1,8):1
                                                       (1,9):-1
(1,4):-1
(2,4):-2
           (2,5):1
                      (2,6): -2
                                 (2,7):2
                                            (2,8):1
                                                       (2,9):2
                                 (3,7):-2
(3,4): -2
           (3,5):-1
                      (3,6):2
                                            (3.8):3
                                                       (3,9):2
(4,7):2
           (4,8):2
                      (4,9):3
                                 (5,7): -3
                                            (5,8): -2
                                                       (5,9):3
           (6,8):-1
                      (6,9):1
(6,7):1
```

1458. Inequality 1458 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):3
                                 (1,7):-2
(1,4):1
           (1,5): -1
                                            (1,8):1
                                                       (1,9):2
(2,4):-4
                                                       (2,9):0
           (2,5):4
                      (2,6):1
                                 (2,7):4
                                            (2,8):5
           (3,5):3
                      (3,6):1
(3,4):-1
                                (3,7):-3
                                            (3,8):4
                                                       (3,9): -2
(4,7):3
           (4,8):4
                      (4,9):3
                                 (5,7):-2
                                           (5,8):-5
                                                       (5,9):5
(6,7):2
           (6,8): -3
                      (6,9): -2
```

1459. Inequality 1459 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):0
                      (1,6):2
                                (1,7):-1
                                            (1,8):1
                                                       (1,9):1
(2,4):-3
           (2,5):3
                      (2,6):1
                                 (2,7):3
                                            (2,8):4
                                                       (2,9):0
(3,4):-1
           (3,5):2
                      (3,6):1
                                (3,7):-2
                                            (3,8):3
                                                      (3,9):-1
(4,7):2
                                (5,7):-1
           (4,8):3
                      (4,9):2
                                           (5,8):-4
                                                      (5,9):4
                     (6,9): -2
(6,7):1
           (6,8): -3
```

1460. Inequality 1460 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):-1
                                 (1,7):-2
(1,4):1
                      (1,6):3
                                            (1,8):1
                                                       (1,9):2
(2,4):-4
           (2,5):3
                      (2,6):1
                                 (2,7):3
                                            (2,8):4
                                                       (2,9):1
(3,4):0
           (3,5):2
                                 (3,7):-2
                      (3,6):1
                                            (3,8):3
                                                      (3,9): -2
(4,7):3
           (4,8):3
                      (4,9):3
                                 (5,7): -2
                                            (5,8):-4
                                                       (5,9):4
(6,7):2
           (6,8): -3
                      (6,9): -2
```

1461. Inequality 1461 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):2
                     (1,6):2
                                (1,7):1
                                            (1,8):1
                                                      (1,9):-1
           (2,5):1
(2,4):-3
                     (2,6): -2
                                (2,7):3
                                           (2,8):3
                                                      (2,9):2
(3,4):0
           (3,5):2
                     (3,6): -2
                                (3,7): -2
                                           (3,8):4
                                                      (3,9): -2
(4,7):2
           (4,8):2
                     (4,9):2
                                (5,7): -2
                                           (5,8):-2
                                                      (5,9):3
                     (6,9):0
(6,7):0
           (6,8):2
```

1462. Inequality 1462 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):0
           (1,5):4
                      (1,6):1
                                 (1,7):3
                                            (1,8):3
                                                       (1,9): -3
(2,4):-2
                                 (2,7):2
                                            (2,8):1
                                                       (2,9):1
           (2,5):1
                      (2,6): -1
(3,4):-1
           (3,5):-1
                      (3,6):3
                                 (3,7):-5
                                            (3,8):5
                                                       (3,9):3
                                            (5,8):-3
(4,7):5
           (4,8):2
                      (4,9):6
                                 (5,7):-5
                                                       (5,9):4
(6,7):2
           (6,8): -2
                      (6,9):-1
```

1463. Inequality 1463 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):2
                      (1,6): -1
                                  (1,7):1
                                             (1,8):1
                                                        (1,9): -2
(1,4):1
                                             (2,8):2
                                                        (2,9):3
(2,4):-4
           (2,5):1
                      (2,6): -2
                                 (2,7):4
(3,4): -3
           (3,5):1
                      (3,6):2
                                 (3,7): -3
                                             (3,8):4
                                                        (3,9):1
(4,7):1
           (4,8):3
                      (4,9):4
                                 (5,7): -2
                                            (5,8):-3
                                                        (5,9):3
(6,7):3
           (6,8):-1
                      (6,9):1
```

1464. Inequality 1464 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                      (1,6): -1
                                  (1,7):1
                                             (1,8):1
                                                        (1,9): -2
(2,4):-3
           (2,5):0
                      (2,6): -1
                                  (2,7):3
                                             (2,8):2
                                                        (2,9):3
(3,4):-1
           (3,5):1
                      (3,6):2
                                 (3,7): -3
                                             (3,8):4
                                                        (3,9):-1
(4,7):2
           (4,8):2
                      (4,9):3
                                 (5,7): -3
                                            (5,8): -2
                                                        (5,9):4
(6,7):2
           (6,8): -1
                      (6,9):1
```

1465. Inequality 1465 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):3
                      (1,6): -1
                                 (1,7):2
                                            (1,8):1
                                                       (1,9): -2
(2,4):-4
           (2,5):1
                      (2,6): -1
                                 (2,7):4
                                            (2,8):3
                                                       (2,9):3
(3,4):-2
           (3,5):1
                                 (3,7):-4
                                                       (3,9):0
                      (3,6):2
                                            (3,8):5
                                            (5,8):-3
           (4,8):3
                      (4,9):3
                                 (5,7): -3
(4,7):1
                                                       (5,9):3
(6,7):2
           (6,8): -1
                      (6,9):1
```

1466. Inequality 1466 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):1
(1,4):3
           (1,5):4
                                 (1,7):-1
                                            (1,8):3
                                                       (1,9):-4
(2,4): -6
           (2,5):4
                      (2,6): -2
                                 (2,7):4
                                            (2,8):5
                                                       (2,9):1
                                (3,7):-3
                                                       (3,9):4
(3,4):-4
           (3,5):0
                      (3,6):3
                                            (3.8):6
(4,7):3
           (4,8):4
                      (4,9):6
                                (5,7):-2
                                           (5,8): -6
                                                       (5,9):4
           (6,8): -2
                      (6,9):-1
(6,7):1
```

1467. Inequality 1467 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):-1
                      (1,6):2
                                 (1,7):1
                                           (1,8): -2
                                                      (1,9):3
(2,4):-3
                                 (2,7):2
                                                      (2,9):2
           (2,5):0
                     (2,6): -1
                                            (2,8):2
                      (3,6):1
(3,4):-1
           (3,5):1
                                (3,7):-1
                                           (3,8):2
                                                      (3,9):0
(4,7):2
           (4,8):2
                      (4,9):3
                                                      (5,9):3
                                (5,7):-2
                                           (5,8):-1
(6,7):0
                     (6,9):-1
           (6,8):1
```

1468. Inequality 1468 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):3
                      (1,6):1
                                 (1,7):-1
                                            (1,8): -2
                                                       (1,9):-3
(2,4):5
           (2,5): -2
                      (2,6): -1
                                 (2,7):4
                                            (2,8):4
                                                       (2,9): -2
(3,4):1
           (3,5):0
                      (3,6):1
                                 (3,7):-4
                                            (3,8):5
                                                       (3,9):-1
(4,7):-3
           (4,8): -3
                      (4,9):4
                                 (5,7):3
                                            (5,8):5
                                                       (5,9):3
(6,7):1
           (6,8): -1
                      (6,9):1
```

1469. Inequality 1469 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):1
(1,4):-2
           (1,5):-1
                      (1,6):1
                                           (1,8):-1
                                                      (1,9):2
(2,4):-5
           (2,5):3
                      (2,6): -3
                                 (2,7):5
                                            (2,8):3
                                                      (2,9):3
(3,4):-2
                                (3,7):-2
                                            (3,8):4
                                                      (3,9):1
           (3,5):1
                      (3,6):2
(4,7):3
           (4,8):3
                      (4,9):5
                                (5,7): -3
                                           (5,8):-4
                                                      (5,9):4
(6,7):2
           (6,8):-1
                      (6,9):1
```

1470. Inequality 1470 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5): -2
                      (1,6):1
                                 (1,7):1
                                            (1,8):1
                                                       (1,9): -2
           (2,5):2
                      (2,6): -3
                                 (2,7):-2
                                            (2,8): -2
                                                       (2,9):0
(2,4):5
(3,4):3
           (3,5):3
                      (3,6):3
                                 (3,7):2
                                            (3,8):-5
                                                       (3,9):0
(4,7):1
           (4,8):4
                      (4,9):4
                                 (5,7):1
                                            (5,8):4
                                                       (5,9):-4
                      (6,9):2
(6,7):-1
           (6,8):2
```

1471. Inequality 1471 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                      (1,6): -1
                                 (1,7):1
                                            (1,8):1
                                                       (1,9): -2
(2,4):-7
           (2,5):4
                                 (2,7):4
                                            (2,8):4
                                                        (2,9):0
                      (2,6): -3
(3,4):-3
           (3,5):5
                      (3,6):5
                                 (3,7):-4
                                            (3,8):7
                                                        (3,9):0
                                            (5,8): -6
(4,7):3
           (4,8):6
                      (4,9):6
                                 (5,7):-1
                                                        (5,9):6
(6,7):3
           (6,8): -2
                      (6,9): -2
```

1472. Inequality 1472 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):3
                      (1,6):1
                                 (1,7):-1
                                            (1,8): -2
                                                        (1,9): -3
(1,4):2
(2,4):4
           (2,5): -2
                                                       (2,9):-2
                      (2,6):1
                                 (2,7):3
                                             (2,8):4
(3,4):1
           (3,5):1
                      (3,6):-1
                                 (3,7): -3
                                             (3,8):3
                                                       (3,9):-1
(4,7): -3
           (4,8): -2
                      (4,9):4
                                 (5,7):3
                                             (5,8):4
                                                        (5,9):3
(6,7):1
           (6,8): -1
                      (6,9):1
```

1473. Inequality 1473 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):2
                      (1,6):2
                                 (1,7):-2
                                           (1,8):0
                                                      (1,9):0
(2,4):0
           (2,5): -3
                      (2,6):1
                                 (2,7):2
                                           (2,8):2
                                                      (2,9):2
(3,4):-2
           (3,5):0
                      (3,6):2
                                 (3,7):-2
                                           (3,8):4
                                                      (3,9): -2
(4,7):3
                                                      (5,9):4
           (4,8):2
                      (4,9): -5
                                 (5,7):4
                                           (5,8):3
(6,7):1
           (6,8): -3
                      (6,9):1
```

1474. Inequality 1474 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):3
                      (1,6):1
                                 (1,7):-1
                                            (1,8): -2
                                                       (1,9): -2
           (2,5): -2
(2,4):2
                      (2,6):2
                                 (2,7):2
                                            (2,8):0
                                                       (2,9):0
(3,4):2
           (3,5):0
                                 (3,7):-1
                      (3,6): -2
                                            (3,8):3
                                                       (3,9):-2
(4,7): -2
           (4,8): -1
                      (4,9):4
                                 (5,7):3
                                            (5,8):3
                                                       (5,9):3
(6,7):-1
           (6,8):3
                      (6,9):-1
```

1475. Inequality 1475 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):3
                      (1,6):2
                                 (1,7):-2
                                            (1,8): -1
                                                       (1,9): -2
(1,4):0
(2,4):1
           (2,5): -3
                      (2,6):2
                                 (2,7):2
                                            (2,8):2
                                                       (2,9):0
                                 (3,7):-2
                                            (3,8):2
                                                       (3,9):-1
(3,4):1
           (3,5):1
                      (3,6): -1
(4,7): -2
           (4,8): -1
                      (4,9):3
                                 (5,7):4
                                            (5,8):2
                                                       (5,9):3
(6,7):0
           (6,8):0
                      (6,9):1
```

1476. Inequality 1476 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):1
                                 (1,7):0
(1,4):-1
          (1,5): -2
                                            (1,8):1
                                                      (1,9):1
(2,4):-2
                                                      (2,9):-1
           (2,5):4
                      (2,6):1
                                 (2,7):4
                                           (2,8):4
           (3,5):3
                      (3,6):2
(3,4):0
                                (3,7):-4
                                           (3,8):4
                                                      (3,9):-1
(4,7):2
           (4,8):2
                      (4,9):1
                                (5,7):-1
                                           (5,8):-3
                                                      (5,9):3
                     (6,9):-1
(6,7):1
          (6,8): -2
```

1477. Inequality 1477 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):4
                      (1,6):2
                                 (1,7):2
                                            (1,8): -2
                                                       (1,9): -4
(2,4):5
           (2,5):-4
                      (2,6):1
                                 (2,7):4
                                            (2,8):5
                                                       (2,9):-1
(3,4):5
           (3,5):2
                      (3,6): -3
                                 (3,7):-4
                                            (3,8):4
                                                       (3,9): -4
(4,7):-2
           (4,8): -5
                      (4,9):5
                                 (5,7):2
                                            (5,8):5
                                                       (5,9):5
(6,7): -2
           (6,8):1
                      (6,9):1
```

1478. Inequality 1478 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,9):-1
(1,4):1
           (1,5):2
                      (1,6):1
                                 (1,7):1
                                           (1,8):0
(2,4):4
           (2,5):-4
                      (2,6):2
                                 (2,7):4
                                           (2,8):3
                                                      (2,9):-1
(3,4):3
                                                      (3,9):-1
           (3,5):0
                      (3,6): -2
                                (3,7): -3
                                           (3,8):3
(4,7):-1
           (4,8):-4
                      (4,9):3
                                 (5,7):2
                                           (5,8):3
                                                      (5,9):3
(6,7): -3
           (6,8):1
                      (6,9):1
```

1479. Inequality 1479 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):3
                     (1,6): -1
                                (1,7):1
                                           (1,8):2
                                                      (1,9): -2
(2,4):-4
           (2,5):1
                     (2,6): -1
                                (2,7):3
                                           (2,8):4
                                                      (2,9):3
(3,4):-2
           (3,5):1
                     (3,6):2
                                (3,7):-4
                                           (3,8):5
                                                      (3,9):0
(4,7):1
           (4,8):3
                     (4,9):3
                                (5,7): -2
                                           (5,8):-4
                                                      (5,9):3
(6,7):1
           (6,8):0
                     (6,9):1
```

1480. Inequality 1480 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):0
           (1,5):3
                      (1,6):1
                                 (1,7):2
                                            (1,8):2
                                                       (1,9): -2
(2,4):-2
           (2,5):2
                                 (2,7):2
                                            (2,8):2
                                                       (2,9):2
                      (2,6): -2
(3,4): -2
           (3,5):-1
                      (3,6):2
                                 (3,7): -3
                                            (3,8):4
                                                       (3,9):2
(4,7):2
           (4,8):2
                      (4,9):4
                                 (5,7):-4
                                            (5,8):-3
                                                       (5,9):3
           (6,8):-1
                      (6,9):1
(6,7):1
```

1481. Inequality 1481 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):1
           (1,5):2
                       (1,6):1
                                             (1,8):0
                                                        (1,9):-1
(1,4):1
(2,4):-3
                                  (2,7):2
                                                        (2,9):2
           (2,5):1
                      (2,6): -1
                                             (2,8):3
(3,4): -2
           (3,5): -1
                      (3,6):3
                                 (3,7): -3
                                             (3,8):4
                                                        (3,9):3
(4,7):1
           (4,8):4
                       (4,9):3
                                 (5,7): -2
                                             (5,8):-4
                                                        (5,9):4
(6,7):1
           (6,8): -1
                      (6,9): -1
```

1482. Inequality 1482 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):3
           (1,5):3
                     (1,6):1
                                (1,7):2
                                           (1,8): -2
                                                      (1,9):-5
(2,4):-5
           (2,5):3
                     (2,6):1
                                (2,7):4
                                           (2,8):4
                                                      (2,9):1
(3,4):1
           (3,5):-1
                     (3,6):3
                                (3,7): -3
                                           (3,8):4
                                                      (3,9): -4
(4,7):2
                                                      (5,9):3
           (4,8):4
                     (4,9):5
                                (5,7):-4
                                           (5,8):0
                     (6,9):2
(6,7):1
           (6,8): -2
```

1483. Inequality 1483 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4): -2
           (1,5):3
                      (1,6):2
                                 (1,7):3
                                            (1,8):2
                                                       (1,9): -2
(2,4):-2
           (2,5):1
                                            (2,8):2
                      (2,6): -2
                                 (2,7):4
                                                       (2,9):1
                                 (3,7):-5
(3,4):0
           (3,5): -2
                      (3,6):2
                                            (3,8):4
                                                       (3,9):1
                      (4,9):2
(4,7):4
           (4,8):2
                                 (5,7):-4
                                            (5,8):-1
                                                       (5,9):3
(6,7):2
           (6,8): -1
                      (6,9):1
```

1484. Inequality 1484 with incidence 29 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,5):-1
                                                      (1,9):2
(1,4):1
                      (1,6):1
                                (1,7):-2
                                           (1,8):-1
(2,4):-3
           (2,5):0
                      (2,6):1
                                 (2,7):2
                                            (2,8):3
                                                      (2,9):3
                                                      (3,9):0
(3,4):0
           (3,5):1
                      (3,6):1
                                (3,7): -3
                                           (3.8):3
(4,7):3
           (4,8):3
                      (4,9):2
                                 (5,7):0
                                           (5,8): -3
                                                      (5,9):3
(6,7):2
           (6,8):-1
                     (6,9): -2
```

1485. Inequality 1485 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4): -1
                      (1,6):1
                                 (1,7):2
           (1,5):1
                                            (1,8): -1
                                                       (1,9): -2
(2,4):3
           (2,5):0
                                 (2,7):-2
                                                       (2,9):-3
                      (2,6):1
                                            (2,8):3
                     (3,6): -1
(3,4):0
                                 (3,7):3
                                            (3,8):3
                                                       (3,9):0
           (3,5):1
(4,7):3
          (4,8): -3
                      (4,9):2
                                 (5,7):-1
                                            (5,8):2
                                                       (5,9):3
                      (6,9):2
(6,7):-1
           (6,8):0
```

1486. Inequality 1486 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-5
           (1,5): -3
                      (1,6): -1
                                 (1,7):4
                                             (1,8):1
                                                        (1,9):4
(2,4):-3
           (2,5):6
                      (2,6): -1
                                 (2,7):7
                                            (2,8):6
                                                       (2,9): -3
(3,4):-1
           (3,5):0
                      (3,6):2
                                 (3,7):-7
                                            (3,8):8
                                                       (3,9):2
                      (4,9):5
                                 (5,7):-3
(4,7):7
           (4,8):5
                                            (5,8):-5
                                                        (5,9):5
(6,7):2
           (6,8): -1
                      (6,9): -1
```

1487. Inequality 1487 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5): -2
                                  (1,7):1
(1,4): -2
                      (1,6):1
                                             (1,8): -2
                                                        (1,9):4
(2,4):-3
           (2,5):4
                      (2,6):1
                                  (2,7):3
                                             (2,8):4
                                                        (2,9):-1
(3,4):-1
           (3,5): -2
                                 (3,7):-2
                      (3,6):1
                                             (3,8):3
                                                        (3,9):3
(4,7):3
           (4,8):2
                      (4,9):3
                                 (5,7): -2
                                            (5,8): -2
                                                        (5,9):4
(6,7):1
           (6,8): -1
                      (6,9):-1
```

1488. Inequality 1488 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5): -\overline{3}
(1,4):-3
                        (1,6):1
                                    (1,7):2
                                               (1,8): -3
                                                           (1,9):6
(2,4):-4
                        (2,6):1
                                   (2,7):5
            (2,5):6
                                                           (2,9):-1
                                               (2,8):5
(3,4):-1
            (3,5): -3
                        (3,6):2
                                   (3,7): -3
                                               (3,8):4
                                                           (3,9):5
(4,7):4
            (4,8):2
                        (4,9):4
                                   (5,7): -3
                                               (5,8): -3
                                                           (5,9):6
                       (6,9): -2
(6,7):1
            (6,8): -1
```

1489. Inequality 1489 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):1
(1,4):2
           (1,5):3
                      (1,6): -1
                                            (1,8):2
                                                       (1,9): -3
(2,4):-3
           (2,5):2
                                 (2,7):3
                                            (2,8):3
                                                       (2,9):2
                      (2,6):1
(3,4):0
           (3,5):1
                      (3,6):1
                                 (3,7): -3
                                            (3,8):3
                                                       (3,9):0
(4,7):3
           (4,8):1
                      (4,9):3
                                 (5,7): -2
                                            (5,8):-4
                                                       (5,9):2
           (6,8):-1
                      (6,9): -2
(6,7):2
```

1490. Inequality 1490 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):3
                      (1,6):1
                                 (1,7):-1
                                            (1,8): -2
                                                       (1,9): -3
(1,4):2
(2,4):3
           (2,5): -2
                                                       (2,9):-2
                      (2,6):1
                                 (2,7):3
                                            (2,8):3
(3,4):0
           (3,5):1
                      (3,6):-1
                                 (3,7): -3
                                            (3,8):3
                                                       (3,9):0
(4,7): -3
           (4,8): -1
                      (4,9):3
                                 (5,7):3
                                            (5,8):3
                                                       (5,9):2
(6,7):1
           (6,8):0
                      (6,9):2
```

1491. Inequality 1491 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-4
           (1,5): -2
                      (1,6): -1
                                  (1,7):3
                                             (1,8):1
                                                        (1,9):3
(2,4):-3
           (2,5):4
                      (2,6):1
                                  (2,7):4
                                             (2,8):4
                                                        (2,9): -2
(3,4):-1
           (3,5): -1
                      (3,6):2
                                 (3,7):-5
                                             (3,8):5
                                                        (3,9):2
(4,7):5
           (4,8):4
                      (4,9):3
                                 (5,7): -2
                                            (5,8): -3
                                                        (5,9):4
           (6,8): -1
(6,7):1
                      (6,9):0
```

1492. Inequality 1492 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):1
                     (1,6):1
                                (1,7):1
                                           (1,8): -1
                                                      (1,9): -2
                                (2,7):1
                                                      (2,9):2
(2,4):-3
           (2,5):1
                     (2,6):2
                                           (2,8):3
(3,4):0
          (3,5):-1
                     (3,6):2
                                (3,7):-2
                                           (3,8):2
                                                      (3,9):-1
                                          (5,8):-1
(4,7):1
           (4,8):3
                     (4,9):3
                                (5,7): -2
                                                      (5,9):2
(6,7):1
           (6,8): -2
                     (6,9):0
```

1493. Inequality 1493 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):1
           (1,5):2
                                (1,7):1
                                          (1,8):-1
                                                     (1,9): -2
(1,4):1
(2,4):-3
           (2,5):2
                     (2,6):1
                                (2,7):2
                                           (2,8):3
                                                     (2,9):1
                               (3,7):-2
                                                     (3,9):-2
(3,4):0
          (3,5):-1
                     (3,6):2
                                           (3.8):3
(4,7):2
                                                     (5,9):3
           (4,8):3
                     (4,9):3
                               (5,7): -4
                                           (5,8):0
(6,7):1
           (6,8): -2
                     (6,9):1
```

1494. Inequality 1494 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):1
                                (1,7):1
                                                      (1,9): -2
(1,4):1
           (1,5):2
                                           (1,8):-1
(2,4):-4
                                (2,7):3
                                                      (2,9):0
           (2,5):3
                     (2,6):1
                                           (2,8):3
(3,4):1
           (3,5): -2
                     (3,6):3
                                (3,7): -3
                                           (3,8):3
                                                      (3,9): -2
(4,7):3
           (4,8):3
                     (4,9):4
                                (5,7):-5
                                           (5,8):0
                                                      (5,9):4
(6,7):1
                     (6,9):2
           (6,8): -2
```

1495. Inequality 1495 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-4
           (1,5): -2
                      (1,6): -1
                                  (1,7):3
                                             (1,8):1
                                                        (1,9):3
(2,4):-3
           (2,5):5
                      (2,6):1
                                 (2,7):5
                                             (2,8):4
                                                       (2,9): -2
(3,4):-1
           (3,5): -1
                      (3,6):3
                                 (3,7): -6
                                             (3,8):6
                                                        (3,9):3
                                 (5,7):-3
(4,7):6
           (4,8):4
                      (4,9):4
                                            (5,8):-4
                                                        (5,9):5
(6,7):1
           (6,8): -1
                      (6,9): -1
```

1496. Inequality 1496 with incidence 29 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,7):1
                                                     (1,9):-1
(1,4):0
          (1,5):2
                     (1,6):2
                                           (1,8):0
(2,4):0
          (2,5):2
                     (2,6): -1
                                (2,7):1
                                           (2,8):1
                                                     (2,9):-1
(3,4):0
          (3,5):-1
                               (3,7):-1
                     (3,6):1
                                           (3,8):1
                                                     (3,9):0
                                                      (5,9):2
(4,7):1
          (4,8):1
                     (4,9):2
                               (5,7): -2
                                          (5,8):-1
          (6,8):0
(6,7):0
                     (6,9):0
```

1497. Inequality 1497 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                      (1,6):1
                                 (1,7):1
                                            (1,8):0
                                                       (1,9):-1
(2,4): -2
           (2,5):3
                      (2,6): -2
                                 (2,7):4
                                                       (2,9):1
                                            (2,8):4
(3,4):-1
           (3,5):-1
                      (3,6):3
                                 (3,7):-4
                                            (3,8):4
                                                       (3,9):-1
(4,7):1
           (4,8):2
                      (4,9):1
                                 (5,7):-4
                                            (5,8): -2
                                                       (5,9):2
(6,7):2
                      (6,9):2
           (6,8):0
```

1498. Inequality 1498 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):1
(1,4):2
           (1,5):2
                      (1,6):2
                                            (1,8):0
                                                      (1,9):-1
(2,4):-3
           (2,5):0
                      (2,6):1
                                 (2,7):2
                                            (2,8):2
                                                       (2,9):2
(3,4):-1
           (3,5):-1
                      (3,6):1
                                (3,7):-2
                                            (3,8):2
                                                       (3,9):1
(4,7):1
           (4,8):3
                      (4,9):2
                                (5,7): -2
                                           (5,8): -2
                                                       (5,9):3
(6,7):0
           (6,8):-1
                     (6,9):-1
```

1499. Inequality 1499 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):3
                      (1,6):3
                                (1,7):1
                                           (1,8):-1
                                                      (1,9): -2
(2,4):-4
           (2,5):2
                                (2,7):3
                                                      (2,9):1
                      (2,6):1
                                           (2,8):3
(3,4):-1
           (3,5): -3
                     (3,6):4
                                (3,7):-3
                                           (3,8):3
                                                      (3,9):0
(4,7):2
           (4,8):3
                      (4,9):2
                                (5,7): -3
                                           (5,8):-1
                                                      (5,9):2
(6,7):0
           (6,8):-1
                     (6,9):1
```

1500. Inequality 1500 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):3
                      (1,6):2
                                (1,7):1
                                           (1,8):0
                                                      (1,9): -2
(2,4):-4
           (2,5):2
                      (2,6):1
                                (2,7):3
                                           (2,8):3
                                                      (2,9):1
(3,4):-1
           (3,5): -2
                      (3,6):3
                                (3,7): -3
                                           (3,8):3
                                                      (3,9):0
(4,7):2
                                                      (5,9):2
           (4,8):3
                      (4,9):2
                                (5,7): -3
                                           (5,8): -2
(6,7):0
           (6,8):-1
                      (6,9):1
```

1501. Inequality 1501 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):3
                      (1,6):2
                                 (1,7):1
                                            (1,8):1
                                                      (1,9):-1
(2,4):-4
           (2,5):1
                      (2,6):1
                                 (2,7):3
                                            (2,8):3
                                                       (2,9):2
(3,4): -1
           (3,5):-1
                                 (3,7):-3
                                                       (3,9):1
                      (3,6):1
                                            (3,8):3
(4,7):2
                      (4,9):2
                                 (5,7): -3
                                           (5,8):-3
           (4,8):3
                                                       (5,9):3
(6,7):0
           (6,8): -1
                      (6,9):-1
```

1502. Inequality 1502 with incidence 29 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,6):1
           (1,5):2
                                 (1,7):1
                                            (1,8):0
                                                       (1,9):-1
(1,4):1
(2,4):-2
           (2,5):1
                      (2,6): -1
                                 (2,7):2
                                            (2,8):3
                                                       (2,9):1
                                 (3,7):-3
(3,4):-1
           (3,5): -1
                      (3,6):2
                                            (3.8):3
                                                       (3,9):2
(4,7):1
           (4,8):3
                      (4,9):2
                                (5,7):-2
                                            (5,8): -3
                                                       (5,9):3
           (6,8):0
                      (6,9):-1
(6,7):1
```

1503. Inequality 1503 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):3
(1,4): -3
           (1,5): -2
                      (1,6): -1
                                            (1,8):1
                                                       (1,9):2
(2,4):-2
           (2,5):3
                                                       (2,9):-1
                      (2,6):1
                                 (2,7):2
                                            (2,8):3
(3,4):0
                      (3,6):2
           (3,5): -1
                                 (3,7):-4
                                            (3,8):3
                                                       (3,9):2
(4,7):4
           (4,8):3
                      (4,9):2
                                 (5,7):-1
                                            (5,8):-3
                                                       (5,9):4
(6,7):2
           (6,8): -1
                      (6,9): -1
```

1504. Inequality 1504 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):1
                     (1,6):2
                                (1,7):2
                                           (1,8):-1
                                                      (1,9):-3
(2,4):-5
                                                      (2,9):0
           (2,5):4
                     (2,6):1
                                (2,7):4
                                           (2,8):4
(3,4):-1
           (3,5):3
                     (3,6): -2
                                (3,7): -3
                                           (3,8):5
                                                      (3,9): -2
(4,7):3
                     (4,9):5
           (4,8):5
                                (5,7): -2
                                           (5,8):-5
                                                      (5,9):5
(6,7):-2
           (6,8):2
                     (6,9):1
```

1505. Inequality 1505 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):2
                                 (1,7):2
                                                       (1,9):-4
(1,4):2
                      (1,6):1
                                            (1,8):-1
           (2,5):5
(2,4):-4
                      (2,6): -1
                                 (2,7):4
                                            (2,8):4
                                                       (2,9):0
(3,4): -1
           (3,5):2
                                 (3,7):-3
                                                       (3,9):-3
                      (3,6):2
                                            (3,8):3
                                            (5,8):-3
(4,7):1
           (4,8):4
                      (4,9):4
                                 (5,7): -3
                                                       (5,9):5
(6,7):1
           (6,8): -1
                      (6,9):2
```

1506. Inequality 1506 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5): -1
                      (1,6): -2
                                 (1,7):1
                                            (1,8):1
                                                       (1,9):0
(2,4):-4
           (2,5):4
                      (2,6): -2
                                 (2,7):4
                                            (2,8):3
                                                       (2,9):-1
(3,4):-1
           (3,5):3
                      (3,6):2
                                 (3,7):-3
                                            (3,8):4
                                                       (3,9):-1
(4,7):2
           (4,8):3
                      (4,9):3
                                 (5,7):-1
                                            (5,8):-3
                                                       (5,9):4
(6,7):3
           (6,8):0
                      (6,9):-1
```

1507. Inequality 1507 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):2
(1,4):1
                      (1,6):1
                                  (1,7):1
                                            (1,8): -1
                                                       (1,9): -2
(2,4):-4
           (2,5):4
                                 (2,7):4
                                            (2,8):3
                                                        (2,9):0
                      (2,6): -1
(3,4): -2
           (3,5):0
                      (3,6):3
                                 (3,7): -3
                                            (3,8):3
                                                       (3,9):-1
(4,7):2
           (4,8):5
                      (4,9):4
                                 (5,7):-5
                                            (5,8): -2
                                                        (5,9):5
(6,7):3
           (6,8): -2
                      (6,9):2
```

1508. Inequality 1508 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-3
           (1,5): -2
                      (1,6):1
                                 (1,7):-2
                                            (1,8):2
                                                        (1,9):4
           (2,5):7
                                 (2,7):5
                                                       (2,9):0
(2,4): -6
                      (2,6): -2
                                            (2,8):6
(3,4):-1
           (3,5):5
                      (3,6):3
                                 (3,7):-3
                                            (3,8):6
                                                       (3,9):-4
(4,7):2
           (4,8):6
                      (4,9):6
                                 (5,7): -3
                                            (5,8): -6
                                                       (5,9):7
(6,7):1
           (6,8): -2
                      (6,9):1
```

1509. Inequality 1509 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-2
           (1,5):-1
                      (1,6):1
                                 (1,7):1
                                            (1,8):2
                                                      (1,9):1
(2,4):-2
           (2,5):2
                      (2,6): -1
                                 (2,7):2
                                            (2,8):1
                                                      (2,9):0
(3,4):-2
           (3,5):1
                      (3,6):2
                                (3,7):-2
                                            (3,8):3
                                                      (3,9):0
(4,7):1
                                                      (5,9):2
           (4,8):3
                      (4,9):2
                                (5,7):-1
                                           (5,8):-1
(6,7):1
           (6,8): -2
                      (6,9):1
```

1510. Inequality 1510 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):0
           (1,5): -1
                      (1,6):1
                                 (1,7):-1
                                            (1,8): -1
                                                       (1,9):2
                                                       (2,9):0
(2,4):-2
           (2,5):3
                                            (2,8):2
                      (2,6): -1
                                 (2,7):2
(3,4):-1
           (3,5):3
                                 (3,7):-2
                                                      (3,9):-2
                      (3,6):2
                                            (3,8):4
(4,7):1
           (4,8):4
                                (5,7):-1
                      (4,9):4
                                            (5,8):-4
                                                       (5,9):4
(6,7):1
           (6,8):-1
                      (6,9):0
```

1511. Inequality 1511 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):2
                     (1,6):2
                                (1,7):2
                                           (1,8): -3
                                                     (1,9):-3
(1,4):2
(2,4): -6
          (2,5):6
                     (2,6):2
                                (2,7):6
                                           (2,8):4
                                                      (2,9):0
(3,4):0
          (3,5):3
                                (3,7):-2
                                                     (3,9):-3
                     (3,6): -3
                                           (3,8):5
(4,7):4
          (4,8):6
                     (4,9):6
                                (5,7): -5
                                          (5,8):-5
                                                      (5,9):7
(6,7): -3
           (6,8):5
                     (6,9):-1
```

1512. Inequality 1512 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):1
                                (1,7):2
                                           (1,8): -2
                                                      (1,9): -2
(1,4):1
           (1,5):2
(2,4):-4
          (2,5):4
                                (2,7):4
                                           (2,8):3
                                                      (2,9):0
                     (2,6):1
(3,4):0
          (3,5):2
                     (3,6): -2
                                (3,7):-1
                                           (3,8):3
                                                      (3,9): -2
(4,7):3
          (4,8):4
                     (4,9):4
                                          (5,8): -3
                                                      (5,9):5
                                (5,7):-4
(6,7):-2
           (6,8):3
                     (6,9):-1
```

1513. Inequality 1513 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):4
           (1,5):3
                     (1,6):1
                                (1,7):3
                                           (1,8): -3
                                                     (1,9): -6
                                (2,7):7
                                                     (2,9):-1
(2,4):-7
          (2,5):9
                     (2,6):2
                                           (2,8):8
(3,4):0
          (3,5):6
                     (3,6): -3
                                (3,7):-4
                                           (3,8):7
                                                     (3,9): -6
(4,7):3
                     (4,9):7
                                (5,7):-4
          (4,8):7
                                          (5,8):-7
                                                      (5,9):9
(6,7):-1
          (6,8):2
                     (6,9):-1
```

1514. Inequality 1514 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
          (1,5):0
                                (1,7):2
                                                     (1,9):-3
                     (1,6): -2
                                           (1,8):2
(2,4):4
          (2,5): -2
                     (2,6):1
                                (2,7): -3
                                          (2,8):3
                                                     (2,9):-1
(3,4):1
          (3,5):-1
                                          (3,8):2
                                                     (3,9):1
                     (3,6):-1
                                (3,7):2
(4,7):2
          (4,8):-4
                     (4,9):4
                                (5,7):-1
                                          (5,8):4
                                                     (5,9):4
(6,7):2
          (6,8):1
                     (6,9):-1
```

1515. Inequality 1515 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5): -1
                      (1,6):2
                                 (1,7):-1
                                            (1,8):1
                                                       (1,9):1
(2,4):-1
           (2,5):3
                      (2,6):1
                                 (2,7):3
                                            (2,8):2
                                                      (2,9): -2
(3,4):-2
           (3,5):-1
                      (3,6):2
                                 (3,7):-2
                                            (3,8):3
                                                       (3,9):2
(4,7):3
           (4,8):1
                      (4,9):3
                                 (5,7):-3
                                           (5,8):-1
                                                       (5,9):3
(6,7):0
           (6,8): -2
                      (6,9):-1
```

1516. Inequality 1516 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):2
(1,4):-1
                     (1,6):3
                                (1,7):3
                                           (1,8):-1
                                                      (1,9): -2
(2,4):-2
           (2,5):2
                                (2,7):3
                                           (2,8):3
                                                      (2,9):1
                     (2,6): -1
(3,4):-1
           (3,5):2
                     (3,6): -2
                                (3,7):-2
                                           (3,8):4
                                                      (3,9):-1
(4,7):2
                                           (5,8):-3
           (4,8):2
                     (4,9):2
                                (5,7): -2
                                                      (5,9):3
(6,7):-2
           (6,8):3
                     (6,9):1
```

1517. Inequality 1517 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):1
                      (1,6):2
                                 (1,7):0
                                            (1,8):1
                                                       (1,9):-1
           (2,5):2
                                 (2,7):2
                                                       (2,9):-1
(2,4):-1
                      (2,6): -1
                                            (2,8):1
(3,4):-1
           (3,5): -1
                      (3,6):-1
                                 (3,7):-1
                                            (3,8):2
                                                       (3,9):2
(4,7):2
           (4,8):1
                      (4,9):2
                                 (5,7): -2
                                            (5,8):-1
                                                       (5,9):3
(6,7):1
           (6,8):0
                      (6,9):1
```

1518. Inequality 1518 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):2
                     (1,6):2
                                (1,7):2
                                           (1,8):-1
                                                      (1,9):0
(2,4):-4
           (2,5):2
                     (2,6): -1
                                (2,7):4
                                           (2,8):4
                                                      (2,9):1
(3,4):-3
          (3,5):2
                     (3,6): -2
                                (3,7): -3
                                           (3,8):5
                                                      (3,9):1
(4,7):2
                                                      (5,9):3
           (4,8):4
                     (4,9):4
                                (5,7): -2
                                           (5,8): -3
(6,7): -1
          (6,8):3
                     (6,9):-1
```

1519. Inequality 1519 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                      (1,6): -1
                                 (1,7):1
                                            (1,8):1
                                                       (1,9): -2
(2,4):-5
                                            (2,8):2
                                                       (2,9):3
           (2,5):2
                      (2,6): -3
                                 (2,7):5
                                 (3,7):-3
(3,4):-3
           (3,5):1
                                                       (3,9):1
                      (3,6):3
                                            (3,8):5
(4,7):2
           (4,8):4
                                 (5,7): -3
                      (4,9):5
                                            (5,8):-4
                                                       (5,9):4
(6,7):4
           (6,8): -2
                      (6,9):1
```

1520. Inequality 1520 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):1
           (1,5):3
                                 (1,7):0
                                            (1,8):2
                                                       (1,9): -2
(1,4):2
(2,4):-3
           (2,5):2
                      (2,6): -1
                                 (2,7):2
                                            (2,8):2
                                                       (2,9):0
                                 (3,7):-2
(3,4): -2
           (3,5):0
                      (3,6):3
                                            (3.8):4
                                                       (3,9):3
(4,7):3
           (4,8):2
                      (4,9):4
                                 (5,7):-2
                                            (5,8):-4
                                                       (5,9):3
           (6,8): -2
                      (6,9): -2
(6,7):1
```

1521. Inequality 1521 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5): -2
                      (1,6):1
                                 (1,7):1
                                            (1,8):0
                                                       (1,9):1
(2,4):-4
                                 (2,7):3
                                            (2,8):3
                                                      (2,9):0
           (2,5):3
                      (2,6): -1
(3,4):-1
           (3,5):2
                      (3,6):3
                                 (3,7):-3
                                            (3,8):4
                                                      (3,9):1
(4,7):3
           (4,8):4
                      (4,9):3
                                           (5,8):-5
                                                      (5,9):4
                                 (5,7):0
(6,7):2
                     (6,9):-1
           (6,8): -2
```

1522. Inequality 1522 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-2
           (1,5): -2
                      (1,6):1
                                 (1,7):1
                                            (1,8):1
                                                       (1,9):1
(2,4):-4
           (2,5):3
                      (2,6): -1
                                 (2,7):3
                                            (2,8):3
                                                       (2,9):0
(3,4):-1
                      (3,6):3
           (3,5):2
                                 (3,7): -3
                                            (3,8):4
                                                       (3,9):1
(4,7):3
           (4,8):4
                      (4,9):2
                                 (5,7):0
                                            (5,8):-4
                                                       (5,9):3
(6,7):2
           (6,8): -2
                      (6,9):-1
```

1523. Inequality 1523 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):-2
(1,4):2
           (1,5):1
                     (1,6):3
                                           (1,8):1
                                                     (1,9): -3
           (2,5):1
(2,4):-3
                     (2,6):1
                                (2,7):2
                                           (2,8):2
                                                      (2,9):1
(3,4):-2
                                (3,7):-2
                                           (3,8):2
                                                      (3,9):2
           (3,5):-1
                     (3,6):1
                               (5,7):-2
(4,7):2
           (4,8):3
                     (4,9):4
                                          (5,8):-2
                                                      (5,9):3
(6,7):2
           (6,8): -2
                     (6,9):1
```

1524. Inequality 1524 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):-1
                      (1,6): -2
                                 (1,7):2
                                            (1,8):-1
                                                       (1,9):3
           (2,5):3
                      (2,6): -1
                                            (2,8):3
(2,4):-2
                                 (2,7):3
                                                       (2,9):0
(3,4):-2
           (3,5):0
                      (3,6):1
                                 (3,7):-2
                                            (3,8):3
                                                       (3,9):2
(4,7):1
           (4,8):3
                      (4,9):3
                                 (5,7): -2
                                            (5,8):-3
                                                       (5,9):3
(6,7):2
           (6,8):-1
                      (6,9):1
```

1525. Inequality 1525 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-2
           (1,5): -2
                      (1,6): -2
                                 (1,7):4
                                            (1,8): -2
                                                       (1,9):4
(2,4):-7
           (2,5):7
                                 (2,7):6
                                            (2,8):7
                                                       (2,9):0
                      (2,6):1
(3,4):-4
           (3,5): -2
                      (3,6):1
                                 (3,7):-4
                                            (3,8):4
                                                       (3,9):5
(4,7):4
           (4,8):6
                      (4,9):7
                                 (5,7):-5
                                            (5,8):-5
                                                       (5,9):7
(6,7):3
           (6,8): -2
                      (6,9):1
```

1526. Inequality 1526 with incidence 29 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,5):3
                      (1,6):1
                                  (1,7):1
                                             (1,8):1
                                                       (1,9):-1
(1,4):1
                                 (2,7):3
                                                        (2,9):2
(2,4):-4
           (2,5):2
                      (2,6): -1
                                             (2,8):4
(3,4): -2
           (3,5): -1
                      (3,6):3
                                 (3,7):-4
                                             (3,8):5
                                                        (3,9):3
(4,7):2
           (4,8):4
                      (4,9):3
                                 (5,7): -3
                                            (5,8):-5
                                                        (5,9):4
(6,7):1
           (6,8): -1
                      (6,9): -1
```

1527. Inequality 1527 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-2
           (1,5): -2
                                 (1,7):-1
                                           (1,8):2
                                                      (1,9):4
                      (1,6): -1
(2,4):-4
           (2,5):3
                      (2,6):1
                                 (2,7):3
                                           (2,8):3
                                                      (2,9):0
(3,4):1
           (3,5):-1
                      (3,6):2
                                 (3,7):-2
                                           (3,8):3
                                                      (3,9): -3
(4,7):2
                                                      (5,9):3
           (4,8):3
                      (4,9):4
                                (5,7): -3
                                           (5,8):0
(6,7):1
           (6,8):-1
                      (6,9):2
```

1528. Inequality 1528 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-2
           (1,5):2
                     (1,6):4
                                (1,7):0
                                           (1,8):4
                                                     (1,9): -4
(2,4):-3
                                (2,7):3
                                                      (2,9):2
           (2,5):1
                     (2,6):0
                                           (2,8):3
(3,4):-1
           (3,5): -2
                                (3,7):-3
                                           (3,8):2
                                                      (3,9):2
                     (3,6):2
                                          (5,8):-1
(4,7):3
                     (4,9):1
                                (5,7): -3
                                                      (5,9):3
           (4,8):4
(6,7):4
           (6,8):-4
                     (6,9):2
```

1529. Inequality 1529 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):-1
                      (1,6): -1
                                 (1,7):2
(1,4):-1
                                            (1,8): -1
                                                       (1,9):2
(2,4):-3
           (2,5):4
                      (2,6): -1
                                 (2,7):4
                                            (2,8):3
                                                       (2,9):-1
                                 (3,7):-2
                                                       (3,9):1
(3,4):-1
           (3,5):1
                      (3,6):2
                                            (3.8):3
(4,7):3
           (4,8):3
                      (4,9):3
                                 (5,7):-2
                                            (5,8):-4
                                                       (5,9):4
(6,7):3
           (6,8): -2
                      (6,9):-1
```

1530. Inequality 1530 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):1
                                 (1,7):3
(1,4): -4
           (1,5): -4
                                            (1,8): -1
                                                       (1,9):5
(2,4):-4
                                                       (2,9):-1
           (2,5):6
                      (2,6):1
                                 (2,7):5
                                            (2,8):5
           (3,5):0
(3,4):0
                      (3,6):3
                                 (3,7):-5
                                            (3,8):5
                                                       (3,9):3
(4,7):7
           (4,8):3
                      (4,9):4
                                 (5,7):-2
                                                       (5,9):6
                                            (5,8): -6
(6,7):2
           (6,8): -2
                      (6,9): -3
```

1531. Inequality 1531 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-3
           (1,5): -3
                      (1,6):1
                                 (1,7):2
                                            (1,8):-1
                                                       (1,9):4
(2,4):-3
           (2,5):5
                      (2,6):1
                                 (2,7):4
                                            (2,8):4
                                                      (2,9):-1
(3,4):0
          (3,5): -1
                      (3,6):2
                                (3,7):-4
                                            (3,8):4
                                                       (3,9):3
(4,7):5
                      (4,9):3
           (4,8):2
                                (5,7):-2
                                           (5,8):-4
                                                       (5,9):5
                     (6,9): -2
(6,7):1
           (6,8): -1
```

1532. Inequality 1532 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):2
                                                     (1,9):-5
(1,4):3
           (1,5):3
                     (1,6):2
                                          (1,8):-1
(2,4): -6
           (2,5):5
                     (2,6):1
                                (2,7):5
                                           (2,8):5
                                                     (2,9):0
(3,4):0
          (3,5): -3
                               (3,7):-5
                                                     (3,9):-2
                     (3,6):5
                                          (3,8):5
(4,7):3
           (4,8):6
                     (4,9):6
                               (5,7):-7
                                          (5,8):-1
                                                     (5,9):5
(6,7):2
          (6,8):-4
                     (6,9):4
```

1533. Inequality 1533 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):4
           (1,5):4
                      (1,6):3
                                (1,7):3
                                           (1,8):-1
                                                      (1,9):-7
(2,4):-7
           (2,5):5
                      (2,6):1
                                (2,7):6
                                           (2,8):6
                                                      (2,9):1
(3,4):0
           (3,5):-3
                      (3,6):6
                                (3,7): -6
                                           (3,8):6
                                                      (3,9): -3
(4,7):3
           (4,8):7
                      (4,9):7
                                (5,7): -8
                                           (5,8):-1
                                                      (5,9):5
(6,7):2
           (6,8): -5
                     (6,9):5
```

1534. Inequality 1534 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):3
           (1,5):3
                      (1,6):1
                                (1,7):2
                                           (1,8):-1
                                                      (1,9): -4
(2,4):-5
                                (2,7):4
                                           (2,8):4
                                                      (2,9):1
           (2,5):3
                      (2,6):1
(3,4):1
           (3,5): -1
                      (3,6):3
                                (3,7):-4
                                           (3,8):4
                                                      (3,9): -3
(4,7):2
           (4,8):4
                      (4,9):5
                                (5,7):-5
                                           (5,8):-1
                                                      (5,9):3
                     (6,9):2
(6,7):1
           (6,8): -2
```

1535. Inequality 1535 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):3
           (1,5):3
                     (1,6):1
                                (1,7):2
                                           (1,8):-1
                                                     (1,9):-4
(2,4):-5
                                (2,7):4
                                                      (2,9):0
           (2,5):4
                     (2,6):1
                                           (2,8):4
(3,4):0
          (3,5): -2
                     (3,6):4
                                (3,7):-4
                                           (3,8):4
                                                     (3,9): -2
(4,7):2
           (4,8):5
                     (4,9):5
                                (5,7): -6
                                          (5,8):-1
                                                      (5,9):4
(6,7):2
          (6,8): -3
                     (6,9):3
```

1536. Inequality 1536 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):4
           (1,5):4
                     (1,6):1
                                (1,7):3
                                           (1,8):-1
                                                      (1,9):-5
(2,4): -6
           (2,5):4
                     (2,6):1
                                (2,7):5
                                           (2,8):5
                                                      (2,9):1
(3,4):0
           (3,5):-1
                     (3,6):4
                                (3,7):-5
                                           (3,8):5
                                                      (3,9): -3
(4,7):2
                                           (5,8):-2
                                                      (5,9):4
           (4,8):6
                     (4,9):6
                                (5,7):-7
(6,7):2
                     (6,9):3
           (6,8): -3
```

1537. Inequality 1537 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):1
                      (1,6):1
                                (1,7):1
                                           (1,8): -1
                                                      (1,9): -2
                                (2,7):3
(2,4):-3
                                                      (2,9):0
           (2,5):1
                     (2,6):2
                                           (2,8):3
(3,4):-1
           (3,5):-1
                                (3,7):-3
                                                      (3,9):-1
                      (3,6):3
                                           (3,8):3
(4,7):1
           (4,8):4
                                           (5,8):-1
                                                      (5,9):2
                      (4,9):3
                                (5,7): -2
(6,7):0
           (6,8): -2
                      (6,9):2
```

1538. Inequality 1538 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):4
                      (1,6):2
                                 (1,7):2
                                            (1,8):-2
                                                      (1,9):-3
(1,4):1
(2,4):-3
           (2,5):5
                      (2,6): -1
                                 (2,7):4
                                            (2,8):4
                                                      (2,9):-1
                                 (3,7):-4
(3,4):-1
           (3,5):-1
                      (3,6):4
                                            (3.8):4
                                                      (3,9):-2
(4,7):2
           (4,8):4
                      (4,9):3
                                 (5,7): -6
                                           (5,8): -1
                                                       (5,9):5
(6,7):2
           (6,8):-1
                      (6,9):2
```

1539. Inequality 1539 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):2
                                 (1,7):2
(1,4):2
           (1,5):4
                                            (1,8): -2
                                                       (1,9):-4
(2,4):-4
           (2,5):6
                                                       (2,9):-1
                      (2,6): -1
                                 (2,7):5
                                            (2,8):5
                      (3,6):5
(3,4): -2
           (3,5): -1
                                 (3,7):-5
                                            (3,8):5
                                                       (3,9): -2
(4,7):2
           (4,8):6
                      (4,9):4
                                 (5,7):-7
                                            (5,8):-2
                                                       (5,9):6
                      (6,9):3
(6,7):3
           (6,8): -2
```

1540. Inequality 1540 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                      (1,6):1
                                 (1,7):1
                                            (1,8):-1
                                                       (1,9): -2
(2,4):-2
           (2,5):3
                      (2,6): -1
                                 (2,7):3
                                            (2,8):3
                                                       (2,9):0
(3,4):-1
           (3,5):-1
                      (3,6):3
                                 (3,7):-3
                                            (3,8):3
                                                       (3,9):-1
                                 (5,7):-4
(4,7):1
           (4,8):3
                      (4,9):2
                                           (5,8):-1
                                                       (5,9):3
                      (6,9):2
(6,7):2
           (6,8): -1
```

1541. Inequality 1541 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):1
(1,4):2
           (1,5):1
                      (1,6):2
                                           (1,8): -2
                                                      (1,9): -2
(2,4):-3
           (2,5):1
                      (2,6):1
                                (2,7):2
                                           (2,8):2
                                                      (2,9):1
(3,4):-1
                                (3,7):-2
                                           (3,8):2
                                                      (3,9):0
           (3,5):-1
                      (3,6):2
                                                      (5,9):3
(4,7):1
           (4,8):4
                      (4,9):3
                                (5,7): -2
                                           (5,8):-2
(6,7):0
           (6,8):0
                      (6,9):1
```

1542. Inequality 1542 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):3
           (1,5):2
                      (1,6):2
                                 (1,7):-1
                                             (1,8):0
                                                       (1,9): -2
                      (2,6):1
(2,4):-3
           (2,5):1
                                 (2,7):2
                                            (2,8):2
                                                        (2,9):1
(3,4):-1
           (3,5): -2
                      (3,6):2
                                 (3,7): -3
                                            (3,8):2
                                                        (3,9):2
(4,7):3
           (4,8):3
                      (4,9):3
                                 (5,7): -2
                                            (5,8): -2
                                                        (5,9):3
(6,7):1
           (6,8): -1
                      (6,9):-1
```

1543. Inequality 1543 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):2
                      (1,6):2
                                (1,7):2
                                           (1,8): -2
                                                      (1,9): -2
(2,4):-4
           (2,5):2
                      (2,6):1
                                (2,7):3
                                           (2,8):3
                                                      (2,9):1
(3,4):-1
           (3,5): -2
                      (3,6):3
                                (3,7): -3
                                           (3,8):3
                                                      (3,9):0
(4,7):2
           (4,8):5
                      (4,9):4
                                (5,7):-4
                                           (5,8): -2
                                                      (5,9):4
(6,7):0
           (6,8):-1
                      (6,9):1
```

1544. Inequality 1544 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):2
                     (1,6):1
                                (1,7):1
                                           (1,8):-1
                                                      (1,9): -2
(1,4):1
(2,4):-5
                                (2,7):4
                                                      (2,9):0
           (2,5):4
                     (2,6):1
                                           (2,8):4
(3,4):0
          (3,5): -2
                     (3,6):4
                                (3,7):-4
                                           (3,8):4
                                                      (3,9): -2
(4,7):4
           (4,8):5
                     (4,9):5
                                (5,7):-7
                                           (5,8):-1
                                                      (5,9):6
(6,7):2
           (6,8): -3
                     (6,9):3
```

1545. Inequality 1545 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                     (1,6):1
                                (1,7):1
                                           (1,8):-1
                                                     (1,9): -2
(2,4):-5
           (2,5):3
                     (2,6):1
                                (2,7):4
                                           (2,8):4
                                                      (2,9):1
(3,4):0
           (3,5):-1
                     (3,6):4
                                (3,7):-4
                                           (3,8):4
                                                     (3,9): -3
(4,7):4
                                                      (5,9):6
           (4,8):5
                     (4,9):5
                                (5,7):-7
                                          (5,8):-1
(6,7):2
           (6,8): -3
                     (6,9):3
```

1546. Inequality 1546 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):1
                     (1,6):1
                                (1,7):1
                                           (1,8): -1
                                                     (1,9):-1
                                (2,7):2
(2,4):-3
           (2,5):1
                     (2,6):1
                                           (2,8):2
                                                      (2,9):1
(3,4):0
          (3,5):-1
                                (3,7):-2
                                           (3,8):2
                                                     (3,9):-1
                     (3,6):2
                                          (5,8):-1
(4,7):2
           (4,8):3
                     (4,9):3
                                (5,7): -3
                                                      (5,9):3
(6,7):0
          (6,8):-1
                     (6,9):1
```

1547. Inequality 1547 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):2
                      (1,6):4
                                 (1,7):2
                                                       (1,9):0
(1,4):2
                                           (1,8): -2
(2,4):-4
           (2,5):3
                      (2,6):2
                                 (2,7):5
                                            (2,8):3
                                                      (2,9):1
                                                      (3,9):1
(3,4):-1
           (3,5): -1
                      (3,6):1
                                (3,7):-2
                                            (3,8):2
(4,7):2
           (4,8):3
                      (4,9):2
                                (5,7):-4
                                           (5,8):-1
                                                      (5,9):3
(6,7): -3
           (6,8):1
                      (6,9): -3
```

1548. Inequality 1548 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):0
(1,4):2
            (1,5):6
                       (1,6):6
                                            (1,8):4
                                                       (1,9): -6
(2,4):-7
                                 (2,7):7
                                            (2,8):7
                                                       (2,9):2
            (2,5):3
                       (2,6):2
(3,4): -2
           (3,5): -6
                       (3,6):6
                                 (3,7):-7
                                            (3,8):7
                                                       (3,9):2
           (4,8):7
                       (4,9):5
                                            (5,8):-1
                                                       (5,9):7
(4,7):5
                                 (5,7):-9
(6,7):4
           (6,8): -10
                       (6,9):4
```

1549. Inequality 1549 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):3
           (1,5):3
                     (1,6):2
                                (1,7):1
                                           (1,8): -3
                                                      (1,9): -2
(2,4):-4
           (2,5):3
                     (2,6):1
                                (2,7):4
                                           (2,8):3
                                                      (2,9):1
(3,4):0
           (3,5):2
                     (3,6): -2
                                (3,7): -2
                                           (3,8):4
                                                      (3,9): -2
(4,7):3
                     (4,9):3
                                (5,7):-4
           (4,8):5
                                           (5,8): -2
                                                      (5,9):4
(6,7):-2
           (6,8):3
                     (6,9): -2
```

1550. Inequality 1550 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):-1
                                 (1,7):3
(1,4):-2
                      (1,6): -3
                                            (1,8):-1
                                                       (1,9):4
(2,4):-1
                                                       (2,9):-1
           (2,5):3
                      (2,6): -1
                                 (2,7):3
                                            (2,8):3
(3,4): -2
           (3,5):0
                                 (3,7):-2
                                                       (3,9):2
                      (3,6):2
                                            (3,8):4
                                 (5,7):-2
(4,7):1
           (4,8):3
                      (4,9):3
                                            (5,8):-3
                                                       (5,9):3
(6,7):3
           (6,8): -2
                      (6,9):1
```

1551. Inequality 1551 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):-1
                      (1,6):1
                                (1,7):1
                                            (1,8):0
                                                       (1,9):2
(2,4):-1
           (2,5):3
                      (2,6):2
                                (2,7):1
                                           (2,8):3
                                                      (2,9): -2
(3,4):0
           (3,5): -2
                      (3,6):2
                                (3,7): -3
                                           (3,8):2
                                                      (3,9):1
(4,7):2
           (4,8):2
                      (4,9):2
                                (5,7): -2
                                           (5,8):-1
                                                      (5,9):3
(6,7):1
           (6,8): -2
                      (6,9):0
```

1552. Inequality 1552 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-5
           (1,5): -3
                      (1,6): -1
                                 (1,7):4
                                             (1,8):1
                                                        (1,9):4
(2,4):-3
           (2,5):5
                                 (2,7):5
                                            (2,8):6
                                                       (2,9): -2
                      (2,6):1
(3,4):-1
           (3,5):0
                      (3,6):2
                                 (3,7): -6
                                            (3,8):7
                                                        (3,9):2
                                            (5,8):-5
(4,7):6
           (4,8):5
                      (4,9):4
                                 (5,7): -2
                                                        (5,9):5
(6,7):1
           (6,8): -2
                      (6,9):-1
```

1553. Inequality 1553 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):4
                      (1,6):6
                                 (1,7):-2
                                            (1,8):4
                                                       (1,9): -6
(1,4):2
(2,4):-1
           (2,5):5
                                 (2,7):3
                                                       (2,9):-2
                      (2,6): -2
                                            (2,8):3
           (3,5): -4
(3,4):-3
                      (3,6):2
                                 (3,7): -3
                                            (3,8):4
                                                       (3,9):4
(4,7):3
           (4,8):4
                      (4,9):5
                                 (5,7):-5
                                            (5,8):-3
                                                       (5,9):7
(6,7):4
           (6,8): -4
                      (6,9):2
```

1554. Inequality 1554 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-2
          (1,5):-1
                     (1,6):1
                                (1,7):1
                                           (1,8):1
                                                      (1,9):2
(2,4):-1
           (2,5):4
                     (2,6):3
                                (2,7):1
                                           (2,8):4
                                                     (2,9):-3
(3,4):0
          (3,5): -3
                     (3,6):3
                               (3,7):-4
                                           (3,8):3
                                                      (3,9):1
(4,7):3
           (4,8):3
                     (4,9):3
                               (5,7): -3
                                          (5,8):-1
                                                      (5,9):4
(6,7):2
                     (6,9):1
          (6,8):-4
```

1555. Inequality 1555 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):5
                      (1,6):2
                                 (1,7):1
                                            (1,8):2
                                                       (1,9): -2
(2,4):-4
           (2,5):5
                      (2,6): -2
                                 (2,7):6
                                            (2,8):6
                                                       (2,9):1
(3,4):-2
           (3,5):-1
                      (3,6):2
                                 (3,7): -6
                                                       (3,9):1
                                            (3,8):6
                      (4,9):2
                                                       (5,9):3
(4,7):2
           (4,8):4
                                 (5,7): -6
                                            (5,8): -6
(6,7):3
           (6,8):0
                      (6,9):1
```

1556. Inequality 1556 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):4
                      (1,6):2
                                 (1,7):0
                                            (1,8):2
                                                       (1,9): -2
(1,4):2
(2,4):-4
           (2,5):4
                      (2,6): -1
                                 (2,7):5
                                            (2,8):5
                                                       (2,9):1
                                 (3,7):-5
(3,4): -2
           (3,5):-1
                      (3,6):2
                                            (3,8):5
                                                       (3,9):1
(4,7):2
           (4,8):4
                      (4,9):2
                                (5,7):-5
                                           (5,8):-5
                                                       (5,9):3
(6,7):3
           (6,8):-1
                      (6,9):1
```

1557. Inequality 1557 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):2
                                (1,7):2
                                           (1,8):0
                                                      (1,9): -2
(1,4):-1
           (1,5):1
(2,4):-3
           (2,5):3
                                (2,7):2
                                           (2,8):3
                                                      (2,9):0
                     (2,6): -1
                     (3,6):1
(3,4):-1
           (3,5):2
                                (3,7): -2
                                           (3,8):2
                                                      (3,9): -2
(4,7):2
           (4,8):3
                     (4,9):2
                                (5,7):-1
                                           (5,8):-3
                                                      (5,9):4
                     (6,9):2
(6,7):-1
           (6,8):1
```

1558. Inequality 1558 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):2
                      (1,6):2
                                (1,7):-2
                                            (1,8):1
                                                      (1,9):-3
(2,4):-2
           (2,5):4
                     (2,6): -1
                                (2,7):3
                                           (2,8):3
                                                      (2,9):-1
(3,4):-3
           (3,5):0
                      (3,6):2
                                (3,7):-3
                                           (3,8):3
                                                      (3,9):1
                                (5,7):-2
(4,7):1
           (4,8):4
                      (4,9):4
                                           (5,8):-4
                                                      (5,9):4
(6,7):3
           (6,8): -1
                      (6,9):1
```

1559. Inequality 1559 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):2
                                (1,7):2
                                          (1,8):-3
                                                     (1,9):-3
(1,4):2
                     (1,6):2
(2,4):-4
                     (2,6): -3
          (2,5):7
                                (2,7):4
                                           (2,8):7
                                                     (2,9): -3
(3,4):-2
          (3,5):4
                               (3,7):-2
                                          (3,8):4
                                                     (3,9):-2
                     (3,6):2
                                          (5,8):-5
(4,7):2
          (4,8):6
                     (4,9):4
                               (5,7):-3
                                                     (5,9):7
(6,7):-1
           (6,8):3
                     (6,9):-1
```

1560. Inequality 1560 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-2
           (1,5): -4
                      (1,6): -2
                                  (1,7):-2
                                             (1,8):4
                                                        (1,9):6
(2,4):-4
           (2,5):10
                      (2,6): -3
                                  (2,7):7
                                             (2,8):7
                                                        (2,9):-3
(3,4):-2
           (3,5):5
                       (3,6):6
                                  (3,7):-5
                                             (3,8):8
                                                        (3,9): -6
(4,7):2
           (4,8):6
                       (4,9):4
                                 (5,7):-5
                                             (5,8): -6
                                                        (5,9):10
                       (6,9):3
(6,7):3
           (6,8): -1
```

1561. Inequality 1561 with incidence 29 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,5):2
(1,4):1
                      (1,6):1
                                 (1,7):1
                                            (1,8): -1
                                                       (1,9): -2
(2,4):-4
           (2,5):7
                                 (2,7):7
                                            (2,8):5
                                                       (2,9):-3
                      (2,6): -2
(3,4):-1
           (3,5):4
                      (3,6):1
                                 (3,7):-4
                                            (3,8):5
                                                       (3,9): -3
(4,7):3
           (4,8):5
                      (4,9):4
                                 (5,7): -3
                                            (5,8):-5
                                                       (5,9):7
(6,7):2
           (6,8):-1
                      (6,9):-1
```

1562. Inequality 1562 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):2
                      (1,6):1
                                  (1,7):1
                                            (1,8):-1
                                                       (1,9): -2
(1,4):1
(2,4):-5
                                 (2,7):8
                                                       (2,9):-3
           (2,5):8
                      (2,6): -3
                                             (2,8):5
(3,4):-1
           (3,5):4
                      (3,6):2
                                 (3,7):-4
                                             (3,8):6
                                                       (3,9): -3
(4,7):4
           (4,8):6
                      (4,9):5
                                 (5,7):-4
                                            (5,8): -6
                                                        (5,9):8
(6,7):3
           (6,8): -2
                      (6,9): -1
```

1563. Inequality 1563 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):3
                     (1,6):2
                                (1,7):1
                                           (1,8): -2
                                                      (1,9):-3
(2,4):-2
           (2,5):4
                     (2,6): -1
                                (2,7):3
                                           (2,8):3
                                                      (2,9): -1
(3,4):-1
           (3,5):0
                     (3,6):3
                                (3,7): -3
                                           (3,8):3
                                                      (3,9):-2
(4,7):1
                                                      (5,9):4
           (4,8):3
                     (4,9):2
                                (5,7):-4
                                           (5,8):-1
(6,7):2
           (6,8):0
                     (6,9):2
```

1564. Inequality 1564 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):3
                      (1,6):2
                                 (1,7):1
                                            (1,8): -2
                                                       (1,9): -4
(2,4):-3
           (2,5):5
                      (2,6): -1
                                 (2,7):4
                                            (2,8):4
                                                       (2,9):-1
                                                       (3,9): -2
(3,4):-2
           (3,5):0
                                 (3,7):-4
                      (3,6):4
                                            (3,8):4
           (4,8):5
                                 (5,7):-5
                                            (5,8): -2
(4,7):1
                      (4,9):3
                                                       (5,9):5
(6,7):3
           (6,8):-1
                      (6,9):3
```

1565. Inequality 1565 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):5
                     (1,6):7
                                (1,7):6
                                           (1,8): -1
                                                      (1,9): -6
(2,4):-4
          (2,5):0
                     (2,6): -1
                                (2,7):4
                                           (2,8):5
                                                      (2,9):4
           (3,5):5
                                (3,7):-3
                                                      (3,9):-4
(3,4):-1
                     (3,6): -5
                                           (3,8):8
(4,7):3
           (4,8):4
                     (4,9):3
                                (5,7): -2
                                           (5,8):-5
                                                      (5,9):7
(6,7): -6
           (6,8):7
                     (6,9):2
```

1566. Inequality 1566 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):7
                                           (1,8):-1
                                                      (1,9):-7
(1,4):-1
           (1,5):6
                     (1,6):8
(2,4):-5
           (2,5):0
                                (2,7):5
                                                      (2,9):5
                     (2,6):0
                                           (2,8):5
(3,4):-1
           (3,5):6
                     (3,6): -6
                                (3,7): -3
                                           (3,8):9
                                                      (3,9): -5
(4,7):4
           (4,8):5
                     (4,9):4
                                (5,7):-3
                                           (5,8): -6
                                                      (5,9):9
(6,7): -8
                     (6,9):2
           (6,8):8
```

1567. Inequality 1567 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):3
                      (1,6):4
                                 (1,7):-1
                                            (1,8): -3
                                                       (1,9): -4
(2,4):4
           (2,5): -3
                      (2,6):2
                                 (2,7):2
                                            (2,8):3
                                                       (2,9): -2
(3,4):3
           (3,5):2
                      (3,6): -2
                                 (3,7): -2
                                            (3,8):3
                                                       (3,9): -2
(4,7):-1
                      (4,9):4
           (4,8): -3
                                 (5,7):2
                                            (5,8):2
                                                       (5,9):2
                      (6,9):2
(6,7):0
           (6,8):2
```

1568. Inequality 1568 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):2
                                (1,7):-1
(1,4):1
                     (1,6):1
                                           (1,8):-1
                                                      (1,9): -2
          (2,5): -1
                                (2,7):2
(2,4):3
                     (2,6): -1
                                           (2,8):2
                                                      (2,9):-1
(3,4):2
          (3,5): -2
                                (3,7):-2
                     (3,6):1
                                           (3,8):3
                                                      (3,9):0
(4,7):0
                                                      (5,9):2
          (4,8): -2
                     (4,9):2
                                (5,7):1
                                           (5,8):2
          (6,8):0
(6,7):0
                     (6,9):1
```

1569. Inequality 1569 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):2
                     (1,6):1
                                (1,7):-1
(1,4):1
                                           (1,8):-1
                                                      (1,9): -2
(2,4):3
          (2,5): -1
                     (2,6): -2
                                (2,7):1
                                           (2,8):2
                                                      (2,9):-1
(3,4):2
          (3,5): -2
                     (3,6):2
                                (3,7):-1
                                           (3,8):3
                                                      (3,9):0
(4,7):0
          (4,8): -2
                     (4,9):2
                                (5,7):1
                                           (5,8):2
                                                      (5,9):2
(6,7):0
          (6,8):0
                     (6,9):1
```

1570. Inequality 1570 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5): -2
                     (1,6):2
                                (1,7):3
                                                      (1,9):3
(1,4):-3
                                           (1,8):3
                     (2,6):2
                                (2,7):3
(2,4):0
           (2,5):5
                                           (2,8):4
                                                     (2,9):-4
(3,4):0
          (3,5): -2
                     (3,6):2
                                (3,7): -6
                                           (3,8):5
                                                      (3,9):1
                               (5,7):-3
(4,7):3
           (4,8):3
                     (4,9):3
                                          (5,8):-2
                                                      (5,9):4
(6,7):0
          (6,8): -3
                     (6,9):1
```

1571. Inequality 1571 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):4
                                (1,7):2
(1,4):4
                      (1,6):2
                                           (1,8):0
                                                      (1,9): -4
(2,4): -6
           (2,5):4
                                (2,7):5
                                           (2,8):5
                                                      (2,9):1
                      (2,6):1
(3,4):-1
           (3,5):0
                     (3,6):3
                                (3,7):-5
                                           (3,8):5
                                                      (3,9): -2
(4,7):2
           (4,8):5
                      (4,9):4
                                (5,7): -6
                                           (5,8):-4
                                                      (5,9):2
(6,7):2
                      (6,9):3
           (6,8):-1
```

1572. Inequality 1572 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):6
                                   (1,7):2
                                              (1,8):2
                                                         (1,9): -8
(1,4):4
            (1,5):6
(2,4): -12
            (2,5):7
                        (2,6):2
                                   (2,7):7
                                              (2,8):7
                                                         (2,9):3
(3,4):-3
           (3,5): -10
                       (3,6):10
                                   (3,7):-7
                                              (3,8):10
                                                         (3,9):0
                                                         (5,9):5
(4,7):5
            (4,8):8
                        (4,9):8
                                   (5,7):-9
                                              (5,8):1
(6,7):2
            (6,8): -8
                        (6,9):8
```

1573. Inequality 1573 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):2
                      (1,6):5
                                 (1,7):3
                                            (1,8): -3
                                                      (1,9):-5
(2,4):-3
           (2,5): -6
                      (2,6):4
                                 (2,7):7
                                            (2,8):5
                                                       (2,9):1
(3,4):-2
           (3,5):4
                      (3,6):2
                                 (3,7):-3
                                            (3,8):4
                                                      (3,9): -5
                                            (5,8):2
(4,7):1
           (4,8):3
                      (4,9):-1
                                 (5,7):4
                                                       (5,9):6
(6,7):-4
           (6,8): -1
                      (6,9):4
```

1574. Inequality 1574 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):3
                      (1,6):5
                                 (1,7):3
                                            (1,8):-3
                                                      (1,9): -6
(1,4):2
(2,4):-3
           (2,5): -7
                      (2,6):5
                                 (2,7):8
                                            (2,8):6
                                                       (2,9):1
                                 (3,7):-4
                                                      (3,9):-6
(3,4): -2
           (3,5):4
                      (3,6):3
                                            (3,8):5
(4,7):1
           (4,8):3
                      (4,9):-1
                                 (5,7):4
                                            (5,8):3
                                                       (5,9):7
           (6,8): -2
(6,7):-4
                      (6,9):5
```

1575. Inequality 1575 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):5
                                (1,7):4
                                           (1,8):-4
                                                     (1,9): -4
(1,4):-1
           (1,5):0
(2,4):5
          (2,5): -6
                                (2,7):6
                                                      (2,9):1
                     (2,6):1
                                           (2,8):5
(3,4):5
                     (3,6):1
           (3,5):5
                                (3,7): -2
                                           (3,8):4
                                                     (3,9): -7
(4,7):-2
          (4,8):-7
                     (4,9):4
                                (5,7):6
                                                      (5,9):6
                                           (5,8):1
(6,7):-4
                     (6,9):4
           (6,8):3
```

1576. Inequality 1576 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):3
           (1,5): -1
                      (1,6):3
                                 (1,7): -3
                                            (1,8):2
                                                       (1,9):0
(2,4):0
           (2,5):3
                      (2,6):1
                                 (2,7):2
                                            (2,8):2
                                                      (2,9): -2
(3,4):-3
           (3,5):0
                      (3,6):3
                                (3,7):-1
                                            (3,8):3
                                                       (3,9):2
(4,7):3
                                (5,7):-3
           (4,8):1
                      (4,9):4
                                           (5,8):-2
                                                       (5,9):3
(6,7):2
           (6,8):-4
                      (6,9): -1
```

1577. Inequality 1577 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):-1
                                            (1,8):4
(1,4):4
           (1,5):5
                      (1,6):2
                                                       (1,9): -4
(2,4):-2
           (2,5):1
                                 (2,7):2
                      (2,6): -1
                                            (2,8):1
                                                       (2,9):1
(3,4): -4
                                 (3,7):-2
           (3,5): -2
                      (3,6):4
                                            (3,8):4
                                                        (3,9):4
                                            (5,8):-3
(4,7):5
           (4,8):1
                      (4,9):6
                                 (5,7):-5
                                                        (5,9):4
(6,7):3
           (6,8): -3
                      (6,9): -1
```

1578. Inequality 1578 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):4
                      (1,6):2
                                 (1,7):-2
                                            (1,8): -2
                                                       (1,9):-4
                                 (2,7):3
(2,4):3
           (2,5): -2
                      (2,6): -2
                                            (2,8):3
                                                        (2,9):1
(3,4):1
           (3,5): -3
                      (3,6):0
                                 (3,7): -3
                                            (3,8):4
                                                        (3,9):3
(4,7):-1
           (4,8): -2
                      (4,9):1
                                 (5,7):1
                                            (5,8):6
                                                        (5,9):4
(6,7):2
           (6,8): -3
                      (6,9):5
```

1579. Inequality 1579 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4): -4
           (1,5): -2
                      (1,6): -1
                                 (1,7):3
                                            (1,8):1
                                                       (1,9):3
(2,4):-2
           (2,5):4
                                            (2,8):4
                                                       (2,9):-4
                     (2,6): -2
                                 (2,7):4
(3,4):-1
           (3,5):2
                      (3,6):4
                                 (3,7):-5
                                            (3,8):6
                                                       (3,9):2
(4,7):5
           (4,8):4
                      (4,9):4
                                 (5,7):0
                                            (5,8):-4
                                                       (5,9):4
(6,7):3
           (6,8):-1
                      (6,9):-3
```

1580. Inequality 1580 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-2
           (1,5):-1
                      (1,6): -1
                                 (1,7):2
                                            (1,8):0
                                                       (1,9):2
                                 (2,7):2
                                            (2,8):2
                                                       (2,9):-2
(2,4):-1
           (2,5):2
                      (2,6): -1
(3,4):-1
           (3,5):1
                      (3,6):2
                                 (3,7):-2
                                            (3,8):3
                                                       (3,9):1
(4,7):2
           (4,8):2
                      (4,9):2
                                 (5,7):0
                                            (5,8):-2
                                                       (5,9):2
(6,7):2
           (6,8): -1
                      (6,9): -1
```

1581. Inequality 1581 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):3
           (1,5):2
                      (1,6):1
                                 (1,7): -2
                                             (1,8):0
                                                        (1,9): -2
(2,4):-2
           (2,5):4
                      (2,6): -2
                                 (2,7):4
                                             (2,8):3
                                                        (2,9): -3
(3,4):-1
           (3,5):1
                      (3,6):2
                                 (3,7): -3
                                             (3,8):4
                                                        (3,9):1
                                                        (5,9):3
(4,7):4
           (4,8):3
                      (4,9):3
                                 (5,7):-1
                                            (5,8): -3
                      (6,9): -2
(6,7):2
           (6,8): -1
```

1582. Inequality 1582 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):2
                     (1,6):1
                                (1,7):1
                                           (1,8):0
                                                     (1,9): -2
(2,4):-3
           (2,5):2
                                (2,7):3
                                                      (2,9):0
                     (2,6):1
                                           (2,8):3
(3,4):-1
           (3,5):0
                     (3,6):2
                                (3,7):-3
                                                     (3,9):-1
                                           (3,8):3
                                          (5,8): -2
                     (4,9):2
                                (5,7): -3
                                                      (5,9):1
(4,7):1
           (4,8):3
(6,7):1
           (6,8):-1
                     (6,9):2
```

1583. Inequality 1583 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):3
           (1,5):3
                     (1,6):2
                                (1,7):1
                                           (1,8):0
                                                     (1,9):-3
(2,4):-5
           (2,5):3
                     (2,6):1
                                (2,7):4
                                          (2,8):4
                                                     (2,9):1
                               (3,7):-4
                                                     (3,9):-1
(3,4):-1
           (3,5):0
                     (3,6):2
                                          (3,8):4
(4,7):2
                                                     (5,9):2
           (4,8):4
                     (4,9):3
                               (5,7): -5
                                          (5,8): -3
(6,7):2
           (6,8):-1
                     (6,9):2
```

1584. Inequality 1584 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):4
                                (1,7):2
                                           (1,8): -2
                                                     (1,9): -8
(1,4):6
           (1,5):6
(2,4):-8
           (2,5):6
                                (2,7):7
                                           (2,8):7
                                                      (2,9):1
                     (2,6):1
(3,4):-1
           (3,5): -4
                     (3,6):9
                                (3,7):-7
                                           (3,8):7
                                                     (3,9):-4
(4,7):2
           (4,8):7
                     (4,9):6
                                (5,7): -8
                                           (5,8):0
                                                      (5,9):4
(6,7):4
                     (6,9):5
           (6,8):-5
```

1585. Inequality 1585 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):3
           (1,5):5
                      (1,6):3
                                (1,7):2
                                           (1,8): -2
                                                      (1,9):-5
(2,4):-5
                                (2,7):6
                                                      (2,9):-1
           (2,5):6
                      (2,6):0
                                           (2,8):6
(3,4):-3
           (3,5): -3
                     (3,6):7
                                (3,7): -6
                                           (3,8):6
                                                      (3,9):-1
(4,7):2
           (4,8):7
                      (4,9):4
                                (5,7): -8
                                           (5,8):-1
                                                      (5,9):5
(6,7):4
           (6,8):-4
                      (6,9):4
```

1586. Inequality 1586 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):3
                                 (1,7):0
                                                       (1,9):-3
(1,4):3
                      (1,6):2
                                            (1,8):-1
(2,4):-3
           (2,5):5
                                 (2,7):4
                      (2,6): -1
                                            (2,8):4
                                                       (2,9):-1
(3,4): -2
           (3,5):-1
                                 (3,7):-4
                                                       (3,9):-1
                      (3,6):4
                                            (3,8):4
                                            (5,8): -2
(4,7):1
           (4,8):6
                      (4,9):3
                                 (5,7):-5
                                                       (5,9):4
(6,7):4
           (6,8): -3
                      (6,9):2
```

1587. Inequality 1587 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4): \overline{3}
           (1,5):2
                      (1,6):2
                                 (1,7):-1
                                             (1,8):1
                                                        (1,9): -3
(2,4):-5
                      (2,6):2
                                  (2,7):4
                                             (2,8):4
                                                        (2,9):-1
           (2,5):4
(3,4): -2
           (3,5): -5
                      (3,6):4
                                 (3,7):-4
                                             (3,8):5
                                                        (3,9):2
(4,7):4
           (4,8):4
                      (4,9):4
                                 (5,7):-5
                                             (5,8):0
                                                        (5,9):4
(6,7):2
                      (6,9):2
           (6,8): -4
```

1588. Inequality 1588 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):3
                     (1,6):2
                                (1,7):1
                                           (1,8):1
                                                     (1,9): -3
(2,4):-5
           (2,5):3
                                (2,7):3
                                          (2,8):3
                                                     (2,9):1
                     (2,6):1
                                                     (3,9):0
(3,4):-1
          (3,5): -4
                     (3,6):4
                                (3,7): -3
                                          (3,8):4
(4,7):2
          (4,8):3
                     (4,9):3
                               (5,7):-4
                                          (5,8):0
                                                     (5,9):2
          (6,8): -3
                     (6,9):3
(6,7):1
```

1589. Inequality 1589 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):4
                     (1,6):4
                                (1,7):2
                                           (1,8):1
                                                     (1,9):-5
(1,4):2
           (2,5):4
                                                     (2,9):2
(2,4):-7
                     (2,6):1
                                (2,7):4
                                           (2,8):4
(3,4): -2
          (3,5): -6
                     (3,6):6
                                (3,7):-4
                                          (3,8):6
                                                     (3,9):0
(4,7):3
           (4,8):5
                     (4,9):5
                                (5,7): -6
                                           (5,8):1
                                                     (5,9):3
(6,7):1
          (6,8): -5
                     (6,9):5
```

1590. Inequality 1590 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):3
           (1,5):4
                     (1,6):4
                                (1,7):1
                                           (1,8):1
                                                     (1,9):-5
(2,4): -8
           (2,5):5
                     (2,6):1
                                (2,7):5
                                           (2,8):5
                                                     (2,9):2
(3,4): -2
           (3,5): -6
                     (3,6):7
                                (3,7):-5
                                           (3,8):6
                                                     (3,9):0
(4,7):3
                                                     (5,9):3
           (4,8):5
                     (4,9):5
                                (5,7): -6
                                          (5,8):0
                     (6,9):5
(6,7):2
          (6,8): -5
```

1591. Inequality 1591 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):4
            (1,5):5
                       (1,6):5
                                 (1,7):2
                                            (1,8):1
                                                       (1,9): -7
            (2,5):6
                       (2,6):2
                                                       (2,9):2
(2,4): -10
                                 (2,7):6
                                            (2,8):6
(3,4): -2
            (3,5): -8
                                 (3,7): -6
                                            (3,8):8
                                                       (3,9): -1
                       (3,6):9
(4,7):4
                       (4,9):7
                                                       (5,9):4
            (4,8):7
                                 (5,7): -8
                                            (5,8):1
(6,7):2
            (6,8): -7
                       (6,9):7
```

1592. Inequality 1592 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-6
           (1,5):-1
                      (1,6): -5
                                 (1,7):5
                                            (1,8):1
                                                       (1,9):6
(2,4):0
           (2,5):7
                      (2,6): -3
                                 (2,7):4
                                            (2,8):4
                                                       (2,9):-4
                                 (3,7):-4
                                                       (3,9):0
(3,4):-5
           (3,5):3
                      (3,6):5
                                            (3.8):7
(4,7):1
           (4,8):6
                      (4,9):6
                                 (5,7): -3
                                            (5,8): -6
                                                       (5,9):6
           (6,8): -2
(6,7):7
                      (6,9):2
```

1593. Inequality 1593 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,9):10
                      (1,6):-7
                                 (1,7):7
(1,4): -8
           (1,5): -3
                                             (1,8):1
(2,4):0
           (2,5):9
                                 (2,7):6
                                                        (2,9): -6
                      (2,6): -3
                                             (2,8):6
(3,4): -7
           (3,5):3
                      (3,6):7
                                 (3,7): -6
                                            (3,8):11
                                                        (3,9):2
(4,7):1
           (4,8):8
                      (4,9):8
                                 (5,7):-3
                                            (5,8):-8
                                                        (5,9):8
(6,7):9
           (6,8): -4
                      (6,9):2
```

1594. Inequality 1594 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):3
           (1,5):4
                      (1,6):4
                                 (1,7):4
                                            (1,8):-4
                                                       (1,9): -5
(2,4):-2
           (2,5): -7
                      (2,6):4
                                 (2,7):6
                                            (2,8):7
                                                       (2,9):2
(3,4):-3
           (3,5):3
                      (3,6):3
                                 (3,7): -3
                                            (3,8):5
                                                       (3,9): -5
(4,7):-1
           (4,8):5
                      (4,9): -2
                                 (5,7):3
                                            (5,8):4
                                                       (5,9):7
(6,7): -3
           (6,8): -3
                      (6,9):3
```

1595. Inequality 1595 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):3
(1,4):2
           (1,5):2
                      (1,6):4
                                            (1,8): -3
                                                       (1,9): -4
(2,4):-2
           (2,5): -5
                      (2,6):3
                                 (2,7):5
                                            (2,8):4
                                                       (2,9):1
(3,4): -2
           (3,5):3
                                 (3,7):-2
                      (3,6):2
                                            (3,8):3
                                                       (3,9):-4
(4,7):0
           (4,8):3
                      (4,9):-1
                                 (5,7):3
                                            (5,8):2
                                                       (5,9):5
(6,7): -3
           (6,8): -1
                      (6,9):3
```

1596. Inequality 1596 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):3
                      (1,6):4
                                  (1,7):3
                                            (1,8): -3
                                                        (1,9):-5
           (2,5): -6
                      (2,6):4
(2,4): -2
                                  (2,7):6
                                                        (2,9):1
                                             (2,8):5
(3,4): -2
           (3,5):3
                      (3,6):3
                                 (3,7): -3
                                             (3,8):4
                                                       (3,9): -5
(4,7):0
           (4,8):3
                      (4,9):-1
                                 (5,7):3
                                             (5,8):3
                                                        (5,9):6
(6,7): -3
           (6,8): -2
                      (6,9):4
```

1597. Inequality 1597 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):1
                      (1,6):4
                                 (1,7):2
                                            (1,8): -2
                                                      (1,9):-3
(2,4):-2
           (2,5):-4
                      (2,6):3
                                 (2,7):5
                                            (2,8):3
                                                       (2,9):1
(3,4):-2
           (3,5):3
                      (3,6):2
                                 (3,7):-2
                                            (3,8):3
                                                      (3,9):-4
(4,7):1
           (4,8):2
                      (4,9):-1
                                 (5,7):3
                                            (5,8):1
                                                       (5,9):4
           (6,8):-1
                      (6,9):3
(6,7): -3
```

1598. Inequality 1598 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):2
                      (1,6):4
                                  (1,7):2
                                            (1,8): -2
                                                        (1,9): -4
(1,4):2
(2,4):-2
           (2,5): -5
                                                        (2,9):1
                      (2,6):4
                                  (2,7):6
                                             (2,8):4
(3,4): -2
           (3,5):3
                      (3,6):3
                                 (3,7): -3
                                             (3,8):4
                                                       (3,9): -5
(4,7):1
           (4,8):2
                      (4,9):-1
                                  (5,7):3
                                             (5,8):2
                                                        (5,9):5
(6,7): -3
           (6,8): -2
                      (6,9):4
```

1599. Inequality 1599 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):3
           (1,5):3
                      (1,6):3
                                 (1,7):-3
                                           (1,8):0
                                                      (1,9):0
(2,4):0
           (2,5): -2
                      (2,6):1
                                 (2,7):2
                                           (2,8):2
                                                      (2,9):1
(3,4):-3
           (3,5): -2
                      (3,6):3
                                 (3,7):-2
                                           (3,8):5
                                                      (3,9):-1
(4,7):2
                                                      (5,9):4
           (4,8):3
                      (4,9): -5
                                 (5,7):3
                                           (5,8):4
(6,7):2
           (6,8):-4
                      (6,9):1
```

1600. Inequality 1600 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):5
           (1,5):5
                      (1,6): -2
                                 (1,7): -2
                                            (1,8):1
                                                       (1,9):-5
(2,4):-6
           (2,5):5
                      (2,6): -2
                                 (2,7):5
                                            (2,8):5
                                                       (2,9):-1
                                 (3,7):-5
(3,4):0
           (3,5):4
                                                       (3,9):1
                      (3,6):5
                                            (3,8):5
                                                       (5,9):5
(4,7):7
           (4,8):4
                                            (5,8): -8
                      (4,9):4
                                 (5,7):1
(6,7):6
           (6,8): -3
                      (6,9): -4
```

1601. Inequality 1601 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):4
                      (1,6): -3
                                 (1,7):3
                                                      (1,9):-4
(1,4):1
                                            (1,8):1
(2,4):3
           (2,5):2
                      (2,6):2
                                (2,7):-1
                                           (2,8):-1
                                                      (2,9): -3
                                (3,7):-1
                                                       (3,9):0
(3,4): -2
           (3,5):2
                      (3,6):2
                                            (3,8):3
(4,7):2
           (4,8):2
                      (4,9):4
                                (5,7):-2
                                           (5,8): -2
                                                       (5,9):4
(6,7):3
           (6,8):-1
                      (6,9):-1
```

1602. Inequality 1602 with incidence 29 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,6):1
                                (1,7):1
                                           (1,8):0
                                                     (1,9): -2
(1,4):2
           (1,5):2
(2,4):-3
                     (2,6):2
                                (2,7):3
                                           (2,8):3
                                                     (2,9):0
           (2,5):1
(3,4):-1
           (3,5):0
                     (3,6):2
                               (3,7): -3
                                          (3,8):3
                                                     (3,9):-1
(4,7):1
           (4,8):3
                     (4,9):2
                               (5,7):-2
                                          (5,8):-2
                                                     (5,9):1
(6,7):0
           (6,8):-1
                     (6,9):2
```

1603. Inequality 1603 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):4
           (1,5):4
                     (1,6):3
                                (1,7):1
                                           (1,8):-1
                                                     (1,9):-5
                                                      (2,9):1
(2,4): -6
                                (2,7):5
           (2,5):4
                     (2,6):1
                                           (2,8):5
(3,4):-1
          (3,5): -3
                     (3,6):6
                                (3,7):-5
                                           (3,8):5
                                                     (3,9): -2
(4,7):2
           (4,8):5
                     (4,9):4
                                (5,7): -6
                                           (5,8):0
                                                      (5,9):3
(6,7):3
                     (6,9):3
           (6,8):-4
```

1604. Inequality 1604 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):5
                     (1,6):4
                                (1,7):2
                                          (1,8):-1
                                                     (1,9):-7
           (1,5):5
                                                     (2,9):1
(2,4):-7
           (2,5):5
                     (2,6):1
                                (2,7):6
                                          (2,8):6
(3,4):-1
           (3,5):-4
                               (3,7): -6
                                          (3,8):6
                                                     (3,9):-3
                     (3,6):8
(4,7):2
           (4,8):6
                     (4,9):5
                               (5,7):-7
                                          (5,8):0
                                                     (5,9):3
(6,7):3
           (6,8):-5
                     (6,9):5
```

1605. Inequality 1605 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):3
           (1,5):4
                      (1,6):3
                                 (1,7):1
                                            (1,8):-1
                                                       (1,9):-4
(2,4):-5
           (2,5):6
                      (2,6): -1
                                 (2,7):5
                                                       (2,9):0
                                            (2,8):5
(3,4):-4
           (3,5): -2
                      (3,6):7
                                 (3,7):-5
                                            (3,8):5
                                                       (3,9):-1
(4,7):1
           (4,8):6
                      (4,9):3
                                 (5,7): -6
                                            (5,8):-2
                                                       (5,9):4
(6,7):4
           (6,8): -3
                      (6,9):4
```

1606. Inequality 1606 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):3
                     (1,6):3
                                (1,7):1
                                          (1,8):1
                                                     (1,9): -4
(2,4): -6
           (2,5):4
                                (2,7):4
                                          (2,8):4
                                                     (2,9):2
                     (2,6):0
                                                     (3,9):1
(3,4): -2
          (3,5): -5
                     (3,6):5
                                (3,7):-4
                                          (3,8):5
(4,7):2
          (4,8):4
                     (4,9):4
                               (5,7):-5
                                          (5,8):0
                                                     (5,9):3
(6,7):2
          (6,8):-4
                     (6,9):4
```

1607. Inequality 1607 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):3
                      (1,6):3
                                (1,7):1
                                           (1,8):1
                                                     (1,9): -4
(1,4):2
                                (2,7):3
                                           (2,8):3
                                                     (2,9):1
(2,4):-5
           (2,5):3
                      (2,6):1
(3,4): -1
           (3,5): -4
                     (3,6):5
                                (3,7): -3
                                           (3,8):4
                                                     (3,9):-1
(4,7):2
           (4,8):4
                      (4,9):4
                                (5,7):-4
                                           (5,8):0
                                                     (5,9):2
(6,7):1
           (6,8):-4
                      (6,9):4
```

1608. Inequality 1608 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4): -5
           (1,5): -2
                      (1,6): -4
                                  (1,7):5
                                             (1,8):0
                                                        (1,9):6
(2,4):-1
           (2,5):5
                      (2,6): -1
                                 (2,7):4
                                            (2,8):4
                                                       (2,9): -3
(3,4):-4
           (3,5):1
                      (3,6):4
                                 (3,7):-4
                                            (3,8):7
                                                       (3,9):2
                                                        (5,9):5
(4,7):2
           (4,8):5
                      (4,9):5
                                 (5,7):-2
                                            (5,8):-5
(6,7):5
           (6,8): -3
                      (6,9):1
```

1609. Inequality 1609 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):4
           (1,5):4
                      (1,6): -1
                                 (1,7):-2
                                            (1,8):1
                                                       (1,9): -4
(2,4):-4
           (2,5):4
                      (2,6): -1
                                 (2,7):4
                                            (2,8):4
                                                       (2,9):-1
(3,4):0
           (3,5):2
                                 (3,7):-4
                                                       (3,9):1
                      (3,6):3
                                            (3,8):4
(4,7):6
           (4,8):3
                                                       (5,9):4
                      (4,9):3
                                 (5,7):0
                                            (5,8): -6
(6,7):4
           (6,8): -2
                      (6,9): -3
```

1610. Inequality 1610 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):3
           (1,5):3
                      (1,6): -1
                                 (1,7):-1
                                            (1,8):1
                                                      (1,9):-3
(2,4):-4
           (2,5):3
                      (2,6): -2
                                 (2,7):3
                                            (2,8):3
                                                       (2,9):-1
                                 (3,7):-3
                                                       (3,9):1
(3,4):-1
           (3,5):3
                      (3,6):4
                                            (3.8):4
(4,7):4
           (4,8):3
                      (4,9):3
                                 (5,7):1
                                            (5,8):-5
                                                       (5,9):3
           (6,8): -2
(6,7):4
                      (6,9): -3
```

1611. Inequality 1611 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6): -1
                                 (1,7):-1
(1,4):4
           (1,5):4
                                            (1,8):1
                                                      (1,9):-3
(2,4):-4
           (2,5):4
                                                       (2,9):-1
                      (2,6): -1
                                 (2,7):3
                                            (2,8):3
(3,4):0
           (3,5):2
                      (3,6):3
                                 (3,7): -3
                                            (3,8):3
                                                       (3,9):1
(4,7):4
           (4,8):2
                      (4,9):2
                                           (5,8):-5
                                                       (5,9):3
                                 (5,7):0
           (6,8): -2
(6,7):3
                      (6,9): -2
```

1612. Inequality 1612 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):4
                      (1,6):2
                                 (1,7):2
                                            (1,8): -2
                                                       (1,9):-3
(2,4):-3
           (2,5):4
                      (2,6): -1
                                 (2,7):4
                                            (2,8):3
                                                       (2,9):-1
(3,4): -2
           (3,5): -1
                      (3,6):4
                                 (3,7):-2
                                            (3,8):3
                                                       (3,9): -2
(4,7):2
                                 (5,7):-4
           (4,8):3
                      (4,9):1
                                            (5,8):0
                                                       (5,9):3
                      (6,9):2
(6,7):2
           (6,8): -1
```

1613. Inequality 1613 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):1
                                                     (1,9):-3
(1,4):2
           (1,5):3
                     (1,6):2
                                           (1,8):1
           (2,5):5
(2,4): -6
                     (2,6):2
                                (2,7):5
                                           (2,8):5
                                                     (2,9):-1
                                (3,7):-5
                                          (3,8):7
                                                     (3,9):2
(3,4): -2
           (3,5): -7
                     (3,6):5
(4,7):4
           (4,8):6
                     (4,9):4
                                (5,7): -8
                                           (5,8):1
                                                     (5,9):6
           (6,8): -6
(6,7):3
                     (6,9):4
```

1614. Inequality 1614 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                     (1,6):1
                                (1,7):1
                                           (1,8):1
                                                     (1,9): -2
(2,4):-3
           (2,5):2
                                (2,7):1
                                           (2,8):1
                                                     (2,9):0
                     (2,6):1
(3,4):-1
           (3,5): -3
                     (3,6):3
                                (3,7):-2
                                           (3,8):3
                                                     (3,9):0
(4,7):1
           (4,8):2
                     (4,9):2
                                (5,7): -2
                                           (5,8):1
                                                     (5,9):2
(6,7):1
                     (6,9):2
           (6,8): -2
```

1615. Inequality 1615 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):3
                     (1,6):3
                                (1,7):1
                                           (1,8):2
                                                     (1,9): -4
           (2,5):2
                                (2,7):2
                                           (2,8):2
                                                     (2,9):1
(2,4):-4
                     (2,6):1
(3,4):-1
           (3,5): -4
                     (3,6):5
                                (3,7): -3
                                           (3,8):4
                                                     (3,9):-1
(4,7):2
           (4,8):4
                     (4,9):4
                                (5,7): -3
                                          (5,8):0
                                                     (5,9):2
           (6,8):-4
                     (6,9):4
(6,7):1
```

1616. Inequality 1616 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):3
                      (1,6):3
                                 (1,7): -3
                                             (1,8):0
                                                        (1,9): -4
(1,4):5
(2,4):-2
           (2,5):5
                                 (2,7):4
                                                        (2,9):-2
                      (2,6): -1
                                             (2,8):4
(3,4): -3
           (3,5): -1
                      (3,6):3
                                 (3,7):-4
                                             (3,8):4
                                                        (3,9):1
(4,7):2
           (4,8):5
                      (4,9):3
                                 (5,7): -3
                                            (5,8):-3
                                                        (5,9):3
(6,7):4
           (6,8): -2
                      (6,9):1
```

1617. Inequality 1617 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-3
           (1,5):0
                     (1,6):6
                                (1,7):5
                                           (1,8):4
                                                     (1,9): -4
(2,4):4
          (2,5):-5
                     (2,6):2
                                (2,7):6
                                          (2,8):-4
                                                      (2,9):1
(3,4):4
           (3,5):4
                     (3,6):3
                               (3,7):-1
                                          (3,8): -3
                                                     (3,9):-7
(4,7):0
                                                      (5,9):5
           (4,8):5
                     (4,9):2
                                (5,7):5
                                          (5,8):-1
                     (6,9):5
(6,7):-5
          (6,8):-1
```

1618. Inequality 1618 with incidence 29 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):3
           (1,5):0
                      (1,6):6
                                (1,7):4
                                           (1,8): -4
                                                     (1,9): -3
(2,4):-4
          (2,5):-5
                      (2,6):1
                                (2,7):5
                                           (2,8):4
                                                      (2,9):1
(3,4):-4
           (3,5):4
                                (3,7):0
                                                     (3,9): -6
                      (3,6):3
                                           (3,8):3
(4,7):1
           (4,8):6
                                                      (5,9):5
                     (4,9): -2
                                (5,7):5
                                           (5,8):1
(6,7):-5
           (6,8):2
                      (6,9):5
```

1619. Inequality 1619 with incidence 29 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,5):3
                     (1,6):2
                                (1,7):2
                                          (1,8):-1
                                                     (1,9):-4
(1,4):4
(2,4):-5
           (2,5):1
                     (2,6):4
                                (2,7):1
                                          (2,8):5
                                                     (2,9):4
                               (3,7):-3
                                                     (3,9):-2
(3,4):-1
           (3,5): -2
                     (3,6):4
                                          (3,8):4
(4,7):1
           (4,8):5
                     (4,9):4
                               (5,7): -3
                                          (5,8):-1
                                                     (5,9):2
(6,7):2
           (6,8):-4
                     (6,9):0
```

1620. Inequality 1620 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):4
                                 (1,7):2
(1,4): -3
           (1,5):4
                                            (1,8):5
                                                       (1,9):-4
(2,4): -6
           (2,5): -1
                                                       (2,9):4
                      (2,6): -2
                                 (2,7):4
                                            (2,8):3
                      (3,6):4
(3,4): -2
           (3,5): -4
                                 (3,7):-5
                                            (3,8):3
                                                       (3,9):4
(4,7):4
           (4,8):6
                      (4,9):3
                                 (5,7):-1
                                            (5,8):-3
                                                       (5,9):5
(6,7):2
           (6,8): -2
                      (6,9):2
```

1621. Inequality 1621 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                     (1,6):2
                                (1,7):1
                                           (1,8):1
                                                     (1,9): -3
                                                     (2,9):1
(2,4):-5
           (2,5):4
                     (2,6):1
                                (2,7):1
                                          (2,8):2
(3,4):-3
          (3,5): -4
                     (3,6):4
                               (3,7):-1
                                          (3,8):4
                                                     (3,9):0
                               (5,7):-1
                                          (5,8):1
(4,7):1
          (4,8):3
                     (4,9):3
                                                     (5,9):2
(6,7):1
          (6,8): -3
                     (6,9):3
```

1622. Inequality 1622 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):1
                                                    (1,9):-4
(1,4):0
           (1,5):3
                     (1,6):3
                                          (1,8):3
           (2,5):2
(2,4):-3
                     (2,6):1
                                (2,7):2
                                          (2,8):1
                                                     (2,9):1
                               (3,7):-3
                                          (3,8):4
                                                    (3,9):-1
(3,4):-1
          (3,5): -4
                     (3,6):5
(4,7):2
           (4,8):4
                     (4,9):4
                               (5,7): -3
                                          (5,8):0
                                                     (5,9):2
(6,7):1
          (6,8):-4
                     (6,9):4
```

1623. Inequality 1623 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4): -2
           (1,5): -3
                      (1,6): -2
                                  (1,7):4
                                             (1,8):2
                                                         (1,9):1
(2,4): -2
           (2,5):4
                      (2,6): -3
                                  (2,7):4
                                                        (2,9): -2
                                             (2,8):1
(3,4):-1
           (3,5):3
                       (3,6):3
                                  (3,7): -3
                                             (3,8):4
                                                        (3,9):0
(4,7):3
           (4,8):2
                       (4,9):2
                                  (5,7):1
                                             (5,8): -2
                                                         (5,9):3
(6,7):5
                      (6,9): -2
           (6,8): -1
```

1624. Inequality 1624 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-5
           (1,5):2
                      (1,6):8
                                 (1,7):8
                                            (1,8):8
                                                       (1,9):-5
(2,4):5
           (2,5): -9
                      (2,6):2
                                 (2,7):8
                                           (2,8): -8
                                                       (2,9):2
(3,4):6
           (3,5):5
                      (3,6):5
                                 (3,7):-1
                                           (3,8): -5
                                                       (3,9): -10
                      (4,9):5
(4,7):1
           (4,8):10
                                 (5,7):7
                                           (5,8):-4
                                                       (5,9):9
                      (6,9):7
(6,7): -7
           (6,8): -1
```

1625. Inequality 1625 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,8): -3
(1,4):3
           (1,5):0
                      (1,6):5
                                (1,7):4
                                                     (1,9):-3
(2,4):-3
                                                     (2,9):1
          (2,5):-4
                      (2,6):1
                                (2,7):4
                                           (2,8):3
(3,4):-3
           (3,5):3
                      (3,6):3
                                (3,7):0
                                           (3,8):2
                                                     (3,9): -5
(4,7):0
           (4,8):4
                     (4,9):-1
                                (5,7):4
                                           (5,8):1
                                                     (5,9):4
(6,7):-4
           (6,8):1
                      (6,9):4
```

1626. Inequality 1626 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):3
           (1,5):3
                      (1,6):2
                                (1,7): -2
                                           (1,8):0
                                                      (1,9):0
(2,4):3
           (2,5):-4
                      (2,6):2
                                 (2,7):1
                                           (2,8):4
                                                      (2,9):2
(3,4):-3
          (3,5):-1
                      (3,6):3
                                (3,7):-1
                                           (3,8):4
                                                     (3,9):-2
(4,7):1
                                                      (5,9):2
           (4,8):0
                     (4,9): -4
                                (5,7):2
                                           (5,8):4
(6,7):1
           (6,8):-4
                      (6,9):2
```

1627. Inequality 1627 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):5
           (1,5):5
                     (1,6):2
                                (1,7):3
                                          (1,8): -2
                                                     (1,9): -7
(2,4): -6
           (2,5):5
                                (2,7):4
                     (2,6):2
                                           (2,8):6
                                                     (2,9):1
(3,4):-1
          (3,5):-3
                               (3,7):-3
                                                     (3,9):-5
                     (3,6):6
                                           (3,8):6
(4,7):1
           (4,8):6
                     (4,9):5
                               (5,7):-5
                                           (5,8):0
                                                     (5,9):2
(6,7):2
           (6,8):-4
                     (6,9):4
```

1628. Inequality 1628 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):4
           (1,5):6
                      (1,6):5
                                (1,7):1
                                           (1,8):2
                                                      (1,9): -6
(2,4): -6
           (2,5):4
                      (2,6):3
                                (2,7):3
                                           (2,8):8
                                                      (2,9):4
                                (3,7):-3
(3,4):-2
                                                      (3,9):-2
           (3,5): -5
                     (3,6):5
                                           (3.8):7
(4,7):2
           (4,8):6
                     (4,9):4
                                (5,7): -6
                                           (5,8): -1
                                                      (5,9):2
(6,7):3
           (6,8): -8
                      (6,9):2
```

1629. Inequality 1629 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):2
                                (1,7):1
                                           (1,8):-1
                                                      (1,9):-3
(1,4):3
           (1,5):2
(2,4):-4
                                (2,7):1
                                           (2,8):4
                                                      (2,9):3
           (2,5):1
                      (2,6):3
(3,4):-1
           (3,5): -2
                     (3,6):3
                                (3,7): -2
                                           (3,8):3
                                                      (3,9):-1
(4,7):1
           (4,8):4
                     (4,9):3
                                           (5,8):-1
                                                      (5,9):2
                                (5,7): -2
                     (6,9):0
(6,7):1
           (6,8): -3
```

1630. Inequality 1630 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):0
           (1,5):2
                     (1,6):2
                                (1,7):1
                                          (1,8):2
                                                    (1,9): -3
                                                     (2,9):1
(2,4):-3
           (2,5):2
                     (2,6):1
                               (2,7):2
                                          (2,8):1
(3,4):-1
          (3,5): -4
                     (3,6):4
                               (3,7):-3
                                          (3,8):4
                                                     (3,9):0
                               (5,7):-3
                                          (5,8):1
(4,7):2
           (4,8):3
                     (4,9):3
                                                     (5,9):2
(6,7):1
          (6,8): -3
                     (6,9):3
```

1631. Inequality 1631 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):1
                                                     (1,9): -2
(1,4):2
           (1,5):2
                     (1,6):1
                                          (1,8):0
(2,4):-5
           (2,5):2
                     (2,6):3
                                (2,7):3
                                          (2,8):3
                                                     (2,9):0
                                (3,7):-3
                                          (3,8):4
                                                     (3,9):-1
(3,4):-1
          (3,5): -3
                     (3,6):4
(4,7):2
           (4,8):4
                     (4,9):4
                                (5,7): -3
                                          (5,8):1
                                                     (5,9):1
(6,7):0
          (6,8):-4
                     (6,9):4
```

1632. Inequality 1632 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-6
           (1,5): -2
                      (1,6): -3
                                  (1,7):5
                                             (1,8):1
                                                        (1,9):5
(2,4): -2
           (2,5):7
                      (2,6): -4
                                  (2,7):7
                                             (2,8):3
                                                       (2,9):-5
(3,4): -4
           (3,5):4
                      (3,6):4
                                 (3,7):-4
                                             (3,8):7
                                                        (3,9):1
(4,7):4
           (4,8):6
                      (4,9):6
                                 (5,7):-1
                                            (5,8): -6
                                                        (5,9):6
(6,7):7
           (6,8): -3
                      (6,9):-1
```

1633. Inequality 1633 with incidence 29 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):2
           (1,5):1
                      (1,6):1
                                 (1,7):1
                                           (1,8):-1
                                                      (1,9): -2
(2,4):-3
                      (2,6):2
                                (2,7):1
                                            (2,8):3
                                                       (2,9):2
           (2,5):1
                                                      (3,9): -1
(3,4):-1
           (3,5): -1
                      (3,6):2
                                (3,7):-1
                                            (3,8):2
(4,7):1
           (4,8):3
                      (4,9):2
                                (5,7):-1
                                           (5,8):-1
                                                       (5,9):1
           (6,8): -2
                      (6,9):0
(6,7):1
```

1634. Inequality 1634 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5): -4
                      (1,6):2
                                 (1,7):6
                                            (1,8): -2
                                                       (1,9): -6
(1,4):4
(2,4):5
                                 (2,7):-2
                                                       (2,9):-1
           (2,5):4
                      (2,6):3
                                            (2,8):-5
(3,4):0
           (3,5): -3
                      (3,6):6
                                 (3,7):6
                                            (3,8): -3
                                                       (3,9):6
(4,7):1
           (4,8):5
                      (4,9):5
                                 (5,7):6
                                            (5,8):2
                                                       (5,9):-1
(6,7):-5
           (6,8):3
                      (6,9): -3
```

1635. Inequality 1635 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):6
           (1,5):2
                      (1,6):4
                                 (1,7):-5
                                            (1,8):0
                                                       (1,9): -5
(2,4):-2
           (2,5):7
                      (2,6): -4
                                 (2,7):7
                                            (2,8):3
                                                       (2,9):-5
(3,4):-4
           (3,5):3
                      (3,6):4
                                 (3,7): -3
                                            (3,8):7
                                                       (3,9):1
                                                       (5,9):6
(4,7):4
           (4,8):6
                      (4,9):6
                                 (5,7):-2
                                            (5,8): -6
(6,7):7
           (6,8):-4
                      (6,9):-1
```

1636. Inequality 1636 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-5
           (1,5): -3
                     (1,6): -3
                                 (1,7):4
                                            (1,8):1
                                                      (1,9):6
(2,4):-1
           (2,5):6
                     (2,6): -3
                                                      (2,9):-4
                                 (2,7):4
                                            (2,8):4
                                (3,7):-3
(3,4):-5
           (3,5):3
                                                      (3,9):2
                      (3,6):3
                                            (3,8):6
                                                       (5,9):5
           (4,8):5
(4,7):1
                      (4,9):5
                                 (5,7):0
                                           (5,8):-5
(6,7):4
           (6,8):-1
                      (6,9):0
```

1637. Inequality 1637 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):3
           (1,5):3
                      (1,6):0
                                 (1,7):-2
                                            (1,8):1
                                                      (1,9):-3
(2,4):-1
           (2,5):2
                      (2,6): -2
                                 (2,7):1
                                            (2,8):1
                                                       (2,9):-1
                                 (3,7):0
(3,4):-3
           (3,5):2
                      (3,6):3
                                            (3.8):3
                                                       (3,9):1
(4,7):4
           (4,8):2
                      (4,9):3
                                 (5,7):1
                                            (5,8): -3
                                                       (5,9):3
           (6,8): -2
(6,7):4
                      (6,9): -3
```

1638. Inequality 1638 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):0
                                (1,7):-1
                                            (1,8):2
(1,4):3
           (1,5):3
                                                      (1,9):-3
(2,4):-1
           (2,5):2
                                                      (2,9):-1
                     (2,6): -2
                                 (2,7):1
                                            (2,8):1
(3,4):-4
           (3,5):2
                      (3,6):4
                                 (3,7):0
                                            (3,8):4
                                                      (3,9):2
(4,7):4
           (4,8):2
                      (4,9):4
                                           (5,8):-4
                                                       (5,9):3
                                 (5,7):0
(6,7):4
           (6,8): -3
                      (6,9): -3
```

1639. Inequality 1639 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):5
           (1,5):3
                      (1,6):3
                                 (1,7):-4
                                            (1,8):1
                                                      (1,9): -4
(2,4):-3
           (2,5):7
                      (2,6): -4
                                 (2,7):7
                                            (2,8):3
                                                      (2,9):-4
(3,4):-3
           (3,5):2
                      (3,6):3
                                 (3,7):-2
                                            (3,8):5
                                                       (3,9):1
(4,7):5
                                 (5,7):-2
           (4,8):5
                      (4,9):5
                                           (5,8): -6
                                                       (5,9):6
                      (6,9): -2
(6,7):6
           (6,8):-4
```

1640. Inequality 1640 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):-2
(1,4):8
           (1,5):10
                       (1,6):4
                                              (1,8):6
                                                         (1,9): -6
(2,4):-8
           (2,5):10
                      (2,6): -7
                                  (2,7):8
                                              (2,8):5
                                                         (2,9): -2
(3,4): -9
                                 (3,7): -3
                                                         (3,9):6
           (3,5):3
                       (3,6):9
                                             (3,8):12
(4,7):5
           (4,8):6
                       (4,9):8
                                 (5,7): -3
                                             (5,8): -12
                                                         (5,9):6
           (6,8): -7
(6,7):5
                       (6,9): -4
```

1641. Inequality 1641 with incidence 29 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):3
           (1,5):2
                      (1,6):3
                                 (1,7):1
                                            (1,8): -2
                                                       (1,9): -3
(2,4):-2
           (2,5):2
                      (2,6): -1
                                 (2,7):2
                                            (2,8):2
                                                       (2,9):-1
(3,4):-3
           (3,5):-1
                      (3,6):3
                                 (3,7):-1
                                            (3,8):1
                                                       (3,9):1
(4,7):1
           (4,8):3
                      (4,9):2
                                 (5,7): -2
                                            (5,8):-1
                                                       (5,9):2
(6,7):1
           (6,8):1
                      (6,9):1
```

1642. Inequality 1642 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):3
           (1,5): -4
                      (1,6):3
                                 (1,7):-2
                                            (1,8): -1
                                                       (1,9):1
(2,4):3
           (2,5):6
                      (2,6):2
                                 (2,7):1
                                            (2,8):4
                                                       (2,9):-4
(3,4):-4
           (3,5):1
                      (3,6):5
                                 (3,7):-1
                                            (3,8):5
                                                       (3,9):4
                                            (5,8):-5
(4,7):2
           (4,8):1
                      (4,9):5
                                 (5,7): -2
                                                       (5,9):4
(6,7):2
           (6,8):-4
                      (6,9): -2
```

1643. Inequality 1643 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):5
                                 (1,7):-2
                                            (1,8): -4
           (1,5):7
                                                       (1,9):-7
(1,4):3
(2,4):6
                                                       (2,9):-3
           (2,5): -3
                      (2,6):0
                                 (2,7):6
                                             (2,8):6
(3,4):1
           (3,5):5
                      (3,6): -5
                                 (3,7): -6
                                             (3,8):6
                                                       (3,9):-1
(4,7): -3
           (4,8): -7
                      (4,9):6
                                 (5,7):10
                                             (5,8):2
                                                        (5,9):7
(6,7):-5
           (6,8):9
                      (6,9):4
```

1644. Inequality 1644 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):5
                                (1,7):3
                                          (1,8):3
                                                    (1,9): -4
                     (1,6):1
(2,4):-4
           (2,5):1
                     (2,6):1
                                (2,7):3
                                          (2,8):3
                                                     (2,9):2
(3,4):0
          (3,5): -5
                     (3,6):3
                               (3,7):-5
                                          (3,8):5
                                                     (3,9):2
(4,7):2
                     (4,9):2
                                                     (5,9):4
          (4,8):2
                               (5,7):-5
                                          (5,8):0
                     (6,9):2
(6,7):2
          (6,8): -3
```

1645. Inequality 1645 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4): -6
           (1,5): -3
                      (1,6): -5
                                 (1,7):6
                                            (1,8):0
                                                       (1,9):8
(2,4):-1
           (2,5):6
                      (2,6): -2
                                                       (2,9):-5
                                 (2,7):4
                                            (2,8):6
                                 (3,7):-4
(3,4):-5
           (3,5):2
                                                       (3,9):3
                      (3,6):5
                                            (3,8):9
(4,7):2
           (4,8):6
                                 (5,7):-1
                                                       (5,9):6
                      (4,9):6
                                            (5,8): -6
(6,7):5
           (6,8): -3
                      (6,9):0
```

1646. Inequality 1646 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):4
                      (1,6):2
                                 (1,7):-1
                                            (1,8):2
                                                       (1,9): -2
(1,4):3
(2,4):-3
           (2,5):5
                      (2,6): -4
                                 (2,7):4
                                            (2,8):3
                                                       (2,9): -3
                                 (3,7):-2
                                                       (3,9):2
(3,4):-3
           (3,5):2
                      (3,6):4
                                            (3,8):5
(4,7):3
           (4,8):3
                      (4,9):3
                                 (5,7):-1
                                            (5,8):-5
                                                       (5,9):3
(6,7):3
           (6,8): -2
                      (6,9): -3
```

1647. Inequality 1647 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6): \overline{3}
                                  (1,7):-1
(1,4):4
            (1,5):2
                                              (1,8): -1
                                                         (1,9):-3
(2,4):-1
            (2,5):2
                       (2,6): -2
                                   (2,7):3
                                              (2,8):-1
                                                         (2,9):-1
                       (3,6):4
(3,4):-5
            (3,5):0
                                  (3,7):1
                                              (3,8):2
                                                          (3,9):2
(4,7):3
            (4,8):2
                       (4,9):3
                                  (5,7):-2
                                              (5,8):-1
                                                          (5,9):3
(6,7):2
           (6,8): -1
                       (6,9):0
```

1648. Inequality 1648 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):8
           (1,5):4
                      (1,6):4
                                 (1,7):-4
                                            (1,8):-1
                                                       (1,9): -5
(2,4):-2
           (2,5):6
                      (2,6): -6
                                 (2,7):7
                                            (2,8):-1
                                                       (2,9):-4
(3,4): -7
           (3,5):3
                      (3,6):7
                                 (3,7):1
                                            (3,8):3
                                                       (3,9):-1
(4,7):7
                                 (5,7): -3
           (4,8):2
                      (4,9):4
                                            (5,8):-1
                                                       (5,9):5
           (6,8): -2
(6,7):6
                      (6,9):1
```

1649. Inequality 1649 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):1
                                                       (1,9): -2
(1,4):1
          (1,5):3
                     (1,6): -2
                                           (1,8):-1
(2,4):5
          (2,5): -5
                     (2,6): -3
                                 (2,7):5
                                            (2,8):4
                                                       (2,9): -2
(3,4):5
          (3,5):2
                                (3,7):-5
                                                       (3,9):-2
                     (3,6):4
                                            (3,8):4
(4,7):0
                                 (5,7):4
          (4,8):-5
                     (4,9):4
                                            (5,8):4
                                                       (5,9):4
(6,7):5
          (6,8): -2
                     (6,9): -2
```

1650. Inequality 1650 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):4
                      (1,6):4
                                 (1,7):-2
                                            (1,8):2
                                                       (1,9): -2
           (2,5):5
                                 (2,7):7
(2,4):-7
                      (2,6): -2
                                                       (2,9):2
                                            (2,8):5
(3,4): -4
           (3,5): -4
                      (3,6):6
                                 (3,7):-5
                                            (3,8):5
                                                       (3,9):2
(4,7):3
           (4,8):6
                      (4,9):4
                                 (5,7): -6
                                            (5,8):-3
                                                       (5,9):4
(6,7):7
                      (6,9):2
           (6,8): -5
```

1651. Inequality 1651 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):3
                      (1,6):3
                                 (1,7):-1
                                            (1,8): -2
                                                       (1,9): -5
(2,4):4
           (2,5): -3
                                 (2,7):4
                                            (2,8):4
                                                       (2,9):-3
                      (2,6):2
(3,4):2
           (3,5):3
                      (3,6): -4
                                 (3,7):-4
                                            (3,8):4
                                                       (3,9):-1
(4,7):-2
           (4,8): -2
                      (4,9):4
                                 (5,7):4
                                            (5,8):2
                                                       (5,9):3
           (6,8):2
                      (6,9):4
(6,7):-1
```

1652. Inequality 1652 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):3
                     (1,6):2
                                (1,7):-1
                                           (1,8): -2
                                                      (1,9):-3
(1,4):1
(2,4):4
          (2,5):-1
                                (2,7):3
                                                      (2,9):-2
                     (2,6): -1
                                           (2,8):3
(3,4):3
          (3,5): -3
                     (3,6):1
                                (3,7): -3
                                           (3,8):4
                                                      (3,9):0
(4,7):0
          (4,8): -3
                     (4,9):3
                                (5,7):1
                                           (5,8):3
                                                      (5,9):3
(6,7):0
          (6,8):1
                     (6,9):1
```

1653. Inequality 1653 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):4
                     (1,6):1
                                (1,7): -2
                                           (1,8):3
                                                     (1,9):-4
(2,4):3
           (2,5): -2
                     (2,6):1
                                (2,7):4
                                           (2,8): -3
                                                     (2,9):-3
(3,4):-1
           (3,5):0
                     (3,6):1
                                (3,7):4
                                           (3,8):4
                                                      (3,9):0
                                          (5,8):-4
(4,7):-2
                                                      (5,9):2
           (4,8):1
                     (4,9):3
                                (5,7):4
                     (6,9):2
(6,7):0
           (6,8):1
```

1654. Inequality 1654 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):4
                      (1,6): -1
                                 (1,7): -2
                                            (1,8):4
                                                       (1,9): -3
           (2,5): -2
(2,4):3
                      (2,6):-1
                                 (2,7):4
                                            (2,8):-2
                                                       (2,9): -2
(3,4):-1
           (3,5):0
                                 (3,7):4
                                                       (3,9):1
                      (3,6): -1
                                            (3,8):5
(4,7): -2
           (4,8):1
                                                        (5,9):2
                      (4,9):3
                                 (5,7):4
                                            (5,8):-4
(6,7):0
           (6,8):2
                      (6,9):1
```

1655. Inequality 1655 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):4
                      (1,6):1
                                 (1,7):3
                                            (1,8):0
                                                      (1,9):-4
(1,4):4
(2,4):-5
           (2,5):4
                     (2,6): -1
                                 (2,7):5
                                           (2,8):5
                                                      (2,9):2
                                (3,7):-5
                                                      (3,9):-1
(3,4): -2
           (3,5):0
                      (3,6):3
                                           (3,8):5
(4,7):0
           (4,8):6
                      (4,9):5
                                (5,7):-7
                                           (5,8):-4
                                                      (5,9):3
           (6,8): -2
(6,7):4
                      (6,9):3
```

1656. Inequality 1656 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6): \overline{3}
                                   (1,7):2
(1,4):2
            (1,5):5
                                              (1,8):3
                                                         (1,9): -5
(2,4):-5
            (2,5):2
                                                          (2,9):3
                       (2,6): -1
                                   (2,7):5
                                              (2,8):4
(3,4):-1
           (3,5): -3
                                  (3,7):-4
                                              (3,8):4
                                                          (3,9):1
                       (3,6):3
(4,7):2
            (4,8):5
                       (4,9):5
                                  (5,7):-7
                                              (5,8):-2
                                                          (5,9):5
(6,7):4
           (6,8): -6
                       (6,9):3
```

1657. Inequality 1657 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):4
                      (1,6):3
                                 (1,7):1
                                            (1,8):4
                                                       (1,9): -3
(2,4):-2
           (2,5):3
                      (2,6): -3
                                 (2,7):4
                                            (2,8):5
                                                       (2,9):1
(3,4):0
           (3,5): -4
                      (3,6):3
                                (3,7): -6
                                            (3,8):5
                                                       (3,9):2
(4,7):2
                                (5,7):-4
           (4,8):3
                      (4,9):2
                                            (5,8):-3
                                                       (5,9):4
                      (6,9):2
(6,7):3
           (6,8): -2
```

1658. Inequality 1658 with incidence 29 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,7):-1
(1,4):4
           (1,5):2
                     (1,6):4
                                          (1,8): -2
                                                     (1,9):-5
                                (2,7):4
                                                     (2,9):-2
(2,4):-2
          (2,5):5
                     (2,6): -1
                                           (2,8):4
(3,4):-4
          (3,5):0
                               (3,7):-4
                     (3,6):4
                                          (3,8):4
                                                     (3,9):0
(4,7):1
          (4,8):4
                     (4,9):3
                               (5,7):-3
                                          (5,8):-3
                                                     (5,9):3
(6,7):3
           (6,8):1
                     (6,9):3
```

1659. Inequality 1659 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):4
                      (1,6):5
                                 (1,7):0
                                            (1,8):5
(1,4):-1
                                                       (1,9): -5
(2,4):-4
           (2,5):0
                      (2,6): -1
                                 (2,7):4
                                            (2,8):3
                                                       (2,9):4
(3,4):-1
           (3,5): -4
                                 (3,7): -6
                                            (3,8):3
                                                       (3,9):4
                      (3,6):4
(4,7):3
           (4,8):4
                      (4,9):3
                                 (5,7):-4
                                            (5,8):-2
                                                       (5,9):6
                      (6,9):2
(6,7):5
           (6,8): -5
```

1660. Inequality 1660 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):2
                      (1,6):1
                                 (1,7):2
                                            (1,8):1
                                                       (1,9):-1
(1,4):-1
                                                       (2,9):3
(2,4):-3
           (2,5):1
                      (2,6): -3
                                 (2,7):3
                                            (2,8):1
(3,4):-3
           (3,5): -1
                                 (3,7):-2
                                            (3,8):4
                                                       (3,9):3
                      (3,6):3
                                 (5,7):-3
(4,7):2
           (4,8):3
                      (4,9):4
                                            (5,8):-3
                                                       (5,9):4
(6,7):2
           (6,8): -2
                      (6,9):1
```

1661. Inequality 1661 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):4
                                (1,7):-3
                                                      (1,9):0
(1,4):-1
                      (1,6):4
                                            (1,8):4
(2,4):-5
           (2,5):0
                      (2,6): -2
                                 (2,7):3
                                            (2,8):3
                                                      (2,9):3
(3,4):-1
           (3,5):-4
                      (3,6):4
                                (3,7):-4
                                            (3,8):1
                                                      (3,9):4
(4,7):3
           (4,8):5
                      (4,9):5
                                (5,7):-1
                                           (5,8):-5
                                                      (5,9):6
(6,7):6
           (6,8): -2
                      (6,9): -2
```

1662. Inequality 1662 with incidence 29 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,5):7
                       (1,6):2
                                  (1,7): -2
                                               (1,8):5
                                                          (1,9): -7
(1,4):5
(2,4): -10
            (2,5):7
                       (2,6): -4
                                   (2,7):6
                                               (2,8):8
                                                          (2,9):1
(3,4): -8
            (3,5):1
                       (3,6):6
                                  (3,7):-4
                                              (3,8):10
                                                          (3,9):7
                                              (5,8): -10
                                                          (5,9):7
(4,7):4
            (4,8):7
                       (4,9):10
                                  (5,7): -2
            (6,8): -4
(6,7):2
                       (6,9): -2
```

1663. Inequality 1663 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):2
                      (1,6):3
                                 (1,7):5
                                            (1,8): -3
                                                       (1,9):-5
(2,4):6
           (2,5): -6
                      (2,6): -1
                                 (2,7):5
                                            (2,8):6
                                                       (2,9):0
(3,4):6
           (3,5):6
                                 (3,7):-5
                      (3,6): -1
                                            (3,8):3
                                                       (3,9):-7
(4,7): -2
           (4,8): -6
                      (4,9):6
                                 (5,7):7
                                            (5,8):3
                                                       (5,9):6
(6,7):-4
           (6,8):3
                      (6,9):2
```

1664. Inequality 1664 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):4
(1,4):3
           (1,5):4
                                (1,7):-1
                                           (1,8):1
                                                     (1,9):-3
(2,4): -6
           (2,5):4
                     (2,6):1
                                (2,7):5
                                           (2,8):5
                                                      (2,9):1
                                (3,7):-5
(3,4):-2
                                                      (3,9):0
           (3,5): -4
                     (3,6):6
                                           (3,8):5
(4,7):3
           (4,8):5
                     (4,9):3
                                (5,7): -6
                                          (5,8): -1
                                                      (5,9):3
(6,7):4
           (6,8):-5
                     (6,9):2
```

1665. Inequality 1665 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6): -1
                                 (1,7):4
(1,4): -4
           (1,5): -3
                                            (1,8):1
                                                       (1,9):3
(2,4):-3
           (2,5):4
                                                       (2,9):-2
                      (2,6):1
                                 (2,7):3
                                            (2,8):5
                      (3,6):2
(3,4):0
           (3,5): -1
                                 (3,7):-5
                                            (3,8):4
                                                       (3,9):2
(4,7):5
           (4,8):4
                      (4,9):2
                                 (5,7):-1
                                            (5,8):-3
                                                       (5,9):4
(6,7):2
           (6,8): -1
                      (6,9): -1
```

1666. Inequality 1666 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):2
                      (1,6):1
                                 (1,7):2
                                            (1,8):-1
                                                       (1,9): -4
(2,4):-4
           (2,5):5
                      (2,6): -2
                                 (2,7):4
                                            (2,8):4
                                                       (2,9):1
(3,4): -2
           (3,5):2
                      (3,6):3
                                 (3,7):-3
                                            (3,8):3
                                                       (3,9): -3
(4,7):0
                                 (5,7):-3
           (4,8):4
                      (4,9):4
                                            (5,8):-3
                                                       (5,9):5
                      (6,9):3
(6,7):2
           (6,8): -1
```

1667. Inequality 1667 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
                                                     (1,9): -2
           (1,5):0
                      (1,6):4
                                (1,7):2
                                          (1,8): -2
           (2,5):-4
                                                     (2,9):1
(2,4):-3
                      (2,6):1
                                (2,7):4
                                           (2,8):3
(3,4):-4
                                (3,7):1
                                          (3,8):2
                                                     (3,9):-4
           (3,5):3
                      (3,6):2
(4,7):2
           (4,8):5
                     (4,9): -2
                                (5,7):4
                                           (5,8):1
                                                     (5,9):4
(6,7):-5
           (6,8):3
                      (6,9):3
```

1668. Inequality 1668 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4): \overline{2}
            (1,5):0
                       (1,6):3
                                  (1,7):2
                                             (1,8): -2
                                                        (1,9):-1
(2,4):-2
           (2,5): -3
                                  (2,7):3
                                             (2,8):2
                                                         (2,9):1
                       (2,6):1
(3,4):-3
            (3,5):2
                       (3,6):2
                                  (3,7):1
                                             (3,8):1
                                                        (3,9):-3
(4,7):1
            (4,8):4
                       (4,9): -2
                                  (5,7):3
                                             (5,8):1
                                                         (5,9):3
(6,7):-4
            (6,8):2
                       (6,9):2
```

1669. Inequality 1669 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):3
                      (1,6):1
                                 (1,7):1
                                            (1,8):2
                                                       (1,9): -2
(2,4):-5
           (2,5):2
                                 (2,7):5
                                            (2,8):3
                                                       (2,9):3
                      (2,6): -2
(3,4):-3
           (3,5):-1
                      (3,6):2
                                 (3,7): -3
                                            (3,8):3
                                                       (3,9):2
(4,7):1
           (4,8):4
                      (4,9):4
                                 (5,7):-4
                                            (5,8): -3
                                                       (5,9):3
(6,7):4
           (6,8): -3
                      (6,9):2
```

1670. Inequality 1670 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):6
           (1,5): -6
                      (1,6):3
                                 (1,7):5
                                                       (1,9): -9
                                            (1,8):1
(2,4):6
           (2,5):6
                                (2,7):-4
                                                       (2,9):-2
                     (2,6):-4
                                           (2,8):10
(3,4):1
          (3,5):-4
                     (3,6): -8
                                 (3,7):5
                                            (3,8):7
                                                       (3,9):7
(4,7):-1
          (4,8):-7
                      (4,9):7
                                 (5,7):6
                                            (5,8): -2
                                                       (5,9):0
(6,7):1
           (6,8):7
                      (6,9):7
```

1671. Inequality 1671 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):2
                      (1,6):3
                                 (1,7):2
                                            (1,8):1
                                                       (1,9): -4
(2,4):-4
           (2,5):3
                      (2,6): -2
                                 (2,7):4
                                            (2,8):4
                                                       (2,9):3
(3,4):-3
           (3,5):-1
                      (3,6):5
                                 (3,7):-4
                                            (3,8):4
                                                       (3,9):-1
(4,7):-1
           (4,8):3
                      (4,9):3
                                 (5,7): -3
                                           (5,8):-1
                                                       (5,9):2
           (6,8): -3
(6,7):2
                      (6,9):5
```

1672. Inequality 1672 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):4
           (1,5):4
                      (1,6):1
                                 (1,7): -3
                                            (1,8):2
                                                       (1,9): -4
(2,4):-4
           (2,5):4
                      (2,6): -1
                                 (2,7):4
                                            (2,8):4
                                                       (2,9):-1
(3,4): -1
           (3,5):0
                                 (3,7):-2
                                                       (3,9):2
                      (3,6):2
                                            (3,8):3
(4,7):5
           (4,8):3
                                 (5,7):-1
                                            (5,8):-5
                                                       (5,9):4
                      (4,9):3
(6,7):3
           (6,8): -3
                      (6,9): -2
```

1673. Inequality 1673 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):4
                      (1,6):2
                                 (1,7):3
                                           (1,8):-2
                                                      (1,9):-3
(1,4):0
(2,4):-3
           (2,5):4
                     (2,6): -1
                                 (2,7):4
                                            (2,8):3
                                                      (2,9):-1
                                (3,7):-1
                                            (3.8):3
(3,4): -2
           (3,5):-1
                      (3,6):3
                                                      (3,9):-2
(4,7):3
           (4,8):3
                      (4,9):1
                                (5,7):-4
                                            (5,8):0
                                                      (5,9):3
(6,7):1
           (6,8):-1
                      (6,9):2
```

1674. Inequality 1674 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):5
                                (1,7):5
                                           (1,8):5
                                                      (1,9): -4
(1,4):-2
           (1,5):1
(2,4):6
          (2,5): -6
                                (2,7):5
                                           (2,8):-5
                                                      (2,9):-1
                      (2,6):1
(3,4):6
           (3,5):6
                     (3,6):1
                                (3,7): -3
                                           (3,8): -3
                                                      (3,9): -7
(4,7):0
           (4,8):8
                     (4,9):6
                                (5,7):7
                                           (5,8):-2
                                                      (5,9):6
(6,7):-4
                     (6,9):4
           (6,8): -3
```

1675. Inequality 1675 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):5
           (1,5):4
                      (1,6):2
                                 (1,7):-4
                                            (1,8):1
                                                       (1,9): -4
(2,4):-3
           (2,5):7
                      (2,6): -4
                                 (2,7):7
                                            (2,8):3
                                                       (2,9):-4
(3,4):-3
           (3,5):2
                      (3,6):2
                                 (3,7):-2
                                            (3,8):4
                                                       (3,9):1
(4,7):5
                                 (5,7):-1
           (4,8):5
                      (4,9):5
                                            (5,8): -6
                                                       (5,9):6
                      (6,9): -2
(6,7):5
           (6,8): -3
```

1676. Inequality 1676 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):5
                                                      (1,9): -6
(1,4):1
          (1,5):-1
                     (1,6):0
                                           (1,8):1
          (2,5):2
                     (2,6): -2
                                                      (2,9):-2
(2,4):4
                                (2,7): -2
                                           (2,8):4
(3,4):0
          (3,5): -2
                                (3,7):5
                                                      (3,9):5
                     (3,6): -5
                                           (3,8):3
(4,7):3
          (4,8):-4
                     (4,9):4
                                (5,7):2
                                           (5,8):-1
                                                      (5,9):0
          (6,8):3
(6,7):3
                     (6,9):3
```

1677. Inequality 1677 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6): \overline{2}
                                    (1,7): \overline{-3}
(1,4):3
            (1,5):3
                                                 (1,8):2
                                                            (1,9):-3
                                    (2,7):1
(2,4):-1
            (2,5):2
                        (2,6): -2
                                                            (2,9):-1
                                                (2,8):1
(3,4): -4
            (3,5):2
                        (3,6):2
                                    (3,7):2
                                                (3,8):4
                                                            (3,9):2
(4,7):4
            (4,8):2
                        (4,9):4
                                    (5,7):0
                                                (5,8):-4
                                                             (5,9):3
(6,7):4
            (6,8): -3
                        (6,9): -3
```

1678. Inequality 1678 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):3
           (1,5): -4
                      (1,6):1
                                 (1,7):3
                                            (1,8):1
                                                       (1,9): -4
(2,4):3
           (2,5):3
                      (2,6):2
                                 (2,7):-3
                                            (2,8):-2
                                                       (2,9):-1
(3,4):3
           (3,5): -2
                      (3,6): -2
                                 (3,7):4
                                            (3,8):-1
                                                       (3,9):2
(4,7): -2
           (4,8):3
                      (4,9):2
                                 (5,7):5
                                            (5,8):3
                                                       (5,9):-1
(6,7):3
           (6,8): -2
                      (6,9):2
```

1679. Inequality 1679 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):4
                      (1,6):1
                                 (1,7):2
                                            (1,8):3
                                                       (1,9): -3
(1,4):1
(2,4):-2
           (2,5):2
                                 (2,7):3
                                            (2,8):2
                                                       (2,9):3
                      (2,6): -2
(3,4): -2
           (3,5): -1
                      (3,6):2
                                 (3,7): -3
                                            (3,8):4
                                                       (3,9):2
(4,7):1
           (4,8):1
                      (4,9):3
                                 (5,7):-4
                                            (5,8):-3
                                                       (5,9):2
(6,7):1
           (6,8):-1
                      (6,9):1
```

1680. Inequality 1680 with incidence 29 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):3
            (1,5):6
                       (1,6):6
                                  (1,7): -3
                                              (1,8):3
                                                         (1,9): -3
(2,4): -11
            (2,5):8
                       (2,6): -4
                                  (2,7):11
                                              (2,8):7
                                                         (2,9):3
(3,4): -7
            (3,5): -5
                       (3,6):9
                                  (3,7):-7
                                              (3,8):7
                                                         (3,9):3
                                             (5,8):-5
(4,7):4
            (4,8):9
                       (4,9):6
                                  (5,7): -8
                                                         (5,9):6
                       (6,9):3
(6,7):11
            (6,8): -7
```

1681. Inequality 1681 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                      (1,6):0
                                 (1,7):-1
                                            (1,8):2
                                                       (1,9): -2
(2,4):2
                                 (2,7):2
           (2,5): -1
                      (2,6): -1
                                            (2,8):-1
                                                       (2,9):-1
(3,4):-1
           (3,5):0
                                 (3,7):2
                                                       (3,9):1
                      (3,6): -1
                                            (3,8):3
                                 (5,7):2
(4,7):-1
           (4,8):1
                                            (5,8): -2
                      (4,9):2
                                                       (5,9):1
(6,7):0
           (6,8):1
                      (6,9):1
```

1682. Inequality 1682 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):3
           (1,5):3
                      (1,6):0
                                 (1,7):3
                                            (1,8):0
                                                      (1,9):-3
(2,4):-3
           (2,5):3
                     (2,6): -1
                                 (2,7):3
                                            (2,8):3
                                                      (2,9):1
                                (3,7):-2
                                                      (3,9):-1
(3,4):-1
           (3,5):0
                      (3,6):2
                                            (3,8):2
(4,7):-1
           (4,8):3
                      (4,9):3
                                (5,7):-4
                                           (5,8): -2
                                                      (5,9):2
           (6,8): -2
(6,7):3
                      (6,9):2
```

1683. Inequality 1683 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):2
                                 (1,7):1
(1,4):1
           (1,5):3
                                            (1,8):2
                                                      (1,9):-3
(2,4):-3
           (2,5):1
                                            (2,8):2
                                                       (2,9):2
                     (2,6): -1
                                 (2,7):3
                      (3,6):1
(3,4):-1
           (3,5): -1
                                (3,7):-2
                                            (3,8):2
                                                       (3,9):1
(4,7):1
           (4,8):3
                      (4,9):3
                                (5,7):-4
                                           (5,8):-2
                                                       (5,9):3
                      (6,9):2
(6,7):3
           (6,8): -3
```

1684. Inequality 1684 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):0
           (1,5):2
                      (1,6):4
                                 (1,7):2
                                            (1,8): -3
                                                      (1,9):-3
                                                      (2,9): -2
(2,4):3
          (2,5): -2
                      (2,6):2
                                (2,7):-1
                                            (2,8):2
(3,4):2
           (3,5):1
                     (3,6):-1
                                 (3,7):2
                                            (3,8):3
                                                      (3,9):-1
(4,7):1
                                (5,7):-1
          (4,8): -3
                      (4,9):3
                                            (5,8):1
                                                       (5,9):1
                      (6,9):2
(6,7):-1
           (6,8):2
```

1685. Inequality 1685 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):5
                                (1,7):4
                                                     (1,9):-4
           (1,5):4
                     (1,6):1
                                           (1,8):0
(2,4):-3
           (2,5):3
                     (2,6):1
                                (2,7):2
                                          (2,8):6
                                                     (2,9):3
(3,4):-2
                               (3,7):-2
                                                     (3,9):-3
           (3,5):1
                     (3,6):2
                                          (3,8):4
(4,7):-2
           (4,8):5
                     (4,9):3
                               (5,7):-4
                                          (5,8):-4
                                                     (5,9):2
(6,7):2
           (6,8): -3
                     (6,9):1
```

1686. Inequality 1686 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):4
           (1,5):3
                     (1,6):1
                                (1,7):3
                                           (1,8):0
                                                     (1,9):-3
(2,4):-2
           (2,5):2
                     (2,6):0
                                (2,7):2
                                           (2,8):4
                                                      (2,9):2
(3,4):-2
           (3,5):1
                     (3,6):2
                                (3,7):-2
                                           (3,8):3
                                                     (3,9): -2
(4,7):-2
           (4,8):4
                     (4,9):2
                                (5,7): -3
                                          (5,8):-3
                                                      (5,9):2
(6,7):2
           (6,8): -2
                     (6,9):1
```

1687. Inequality 1687 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):6
           (1,5):5
                      (1,6):2
                                 (1,7):4
                                            (1,8):0
                                                       (1,9): -5
(2,4):-4
           (2,5):4
                                 (2,7):5
                                            (2,8):5
                                                       (2,9):2
                      (2,6): -2
(3,4):-3
           (3,5):2
                      (3,6):3
                                 (3,7):-5
                                            (3,8):5
                                                       (3,9): -2
(4,7): -3
           (4,8):6
                      (4,9):4
                                 (5,7):-5
                                            (5,8):-5
                                                       (5,9):3
           (6,8):-1
                      (6,9):2
(6,7):4
```

1688. Inequality 1688 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-3
           (1,5):-1
                      (1,6): -1
                                 (1,7):1
                                            (1,8):2
                                                       (1,9):2
           (2,5):3
                                                       (2,9):-2
(2,4):-1
                      (2,6):1
                                 (2,7):4
                                            (2,8):3
(3,4):-1
           (3,5):2
                      (3,6):2
                                 (3,7):-4
                                            (3,8):5
                                                       (3,9):0
(4,7):2
           (4,8):3
                      (4,9):2
                                 (5,7):-1
                                            (5,8):-2
                                                       (5,9):3
(6,7):0
           (6,8): -1
                      (6,9): -1
```

1689. Inequality 1689 with incidence 29 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):3
           (1,5):5
                      (1,6):3
                                 (1,7):3
                                                       (1,9):-5
                                            (1,8): -3
(2,4):2
           (2,5): -7
                      (2,6):5
                                 (2,7):4
                                            (2,8):6
                                                       (2,9):2
(3,4):-4
           (3,5):2
                      (3,6):6
                                 (3,7):-2
                                            (3,8):5
                                                       (3,9): -7
(4,7):-1
           (4,8):2
                      (4,9): -2
                                 (5,7):2
                                            (5,8):5
                                                       (5,9):7
(6,7): -2
           (6,8): -5
                      (6,9):5
```

1690. Inequality 1690 with incidence 29 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):2
           (1,5):4
                      (1,6):2
                                 (1,7):2
                                            (1,8): -2
                                                       (1,9): -4
           (2,5): -5
(2,4):2
                      (2,6):4
                                 (2,7):3
                                            (2,8):5
                                                       (2,9):1
           (3,5):1
                                 (3,7):-2
(3,4):-3
                      (3,6):5
                                            (3,8):4
                                                       (3,9): -5
(4,7):-1
           (4,8):1
                      (4,9):-1
                                 (5,7):1
                                            (5,8):4
                                                       (5,9):5
(6,7):-1
           (6,8): -4
                      (6,9):4
```

1691. Inequality 1691 with incidence 29 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,6):1
           (1,5):5
                                 (1,7):-1
                                            (1,8):4
                                                      (1,9):-5
(1,4):4
(2,4):-5
           (2,5):5
                      (2,6): -2
                                 (2,7):3
                                            (2,8):4
                                                      (2,9):-1
                                (3,7):-2
(3,4):-4
           (3,5):-1
                      (3,6):3
                                            (3,8):5
                                                       (3,9):5
(4,7):2
           (4,8):2
                      (4,9):5
                                (5,7):-1
                                           (5,8):-5
                                                       (5,9):5
           (6,8): -2
                      (6,9):-1
(6,7):1
```

1692. Inequality 1692 with incidence 29 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6): -2
                                 (1,7):3
(1,4):2
           (1,5): -1
                                            (1,8):2
                                                       (1,9):-4
(2,4):4
           (2,5):3
                                                       (2,9):0
                      (2,6):1
                                 (2,7):3
                                            (2,8): -3
           (3,5):3
(3,4):-3
                      (3,6): -1
                                 (3,7):3
                                            (3,8):2
                                                       (3,9):4
(4,7):-2
           (4,8):3
                      (4,9):4
                                 (5,7):-3
                                                       (5,9):-3
                                            (5,8):1
(6,7):2
           (6,8):1
                      (6,9): -1
```

1693. Inequality 1693 with incidence 29 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):3
           (1,5):5
                      (1,6):0
                                 (1,7):5
                                            (1,8): -2
                                                       (1,9):-5
(2,4):3
           (2,5): -3
                      (2,6):3
                                 (2,7): -3
                                            (2,8):4
                                                       (2,9):-4
(3,4):3
           (3,5):0
                      (3,6): -3
                                 (3,7):5
                                            (3,8):3
                                                       (3,9):2
(4,7):-3
                                 (5,7):-5
           (4,8): -4
                      (4,9):4
                                            (5,8):5
                                                       (5,9):2
(6,7):5
           (6,8):2
                      (6,9):3
```

1694. Inequality 1694 with incidence 29 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,5):1
                                 (1,7):1
(1,4):-1
                      (1,6):1
                                            (1,8):2
                                                       (1,9): -2
           (2,5):1
                                            (2,8):2
(2,4):-5
                      (2,6): -3
                                 (2,7):5
                                                       (2,9):4
(3,4):-3
           (3,5):-1
                                 (3,7):-3
                      (3,6):1
                                            (3,8):3
                                                       (3,9):3
(4,7):2
           (4,8):5
                      (4,9):4
                                 (5,7): -2
                                            (5,8):-1
                                                       (5,9):2
(6,7):3
           (6,8): -3
                      (6,9):3
```

1695. Inequality 1695 with incidence 29 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):-3
           (1,5):-1
                      (1,6):3
                                (1,7):3
                                            (1,8):3
                                                       (1,9):1
(2,4):1
           (2,5):3
                      (2,6):2
                                (2,7):1
                                           (2,8):1
                                                      (2,9): -2
(3,4):-1
           (3,5): -2
                      (3,6):2
                                (3,7): -3
                                           (3,8):3
                                                      (3,9):1
(4,7):2
           (4,8):3
                      (4,9):2
                                (5,7): -2
                                           (5,8):-1
                                                      (5,9):3
(6,7):-1
           (6,8): -3
                      (6,9):1
```

1696. Inequality 1696 with incidence 29 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):2
           (1,5):1
                     (1,6):1
                                (1,7):1
                                           (1,8):-1
                                                     (1,9): -2
(2,4):-2
           (2,5):2
                     (2,6):0
                                (2,7):2
                                           (2,8):2
                                                      (2,9):0
(3,4):-1
          (3,5):-1
                     (3,6):2
                                (3,7):-1
                                           (3,8):2
                                                     (3,9):-1
(4,7):0
           (4,8):2
                     (4,9):1
                                (5,7):-1
                                           (5,8):0
                                                      (5,9):1
(6,7):1
           (6,8):-1
                     (6,9):1
```

1697. Inequality 1697 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):2
                      (1,6):2
                                  (1,7):2
                                             (1,8):2
                                                       (1,9): -3
           (2,5):0
                      (2,6): -2
                                 (2,7):3
                                                        (2,9):4
(2,4):-4
                                             (2,8):3
(3,4): -2
           (3,5): -2
                      (3,6):2
                                 (3,7):-4
                                             (3,8):4
                                                        (3,9):2
(4,7):2
           (4,8):4
                      (4,9):3
                                 (5,7): -2
                                            (5,8): -2
                                                        (5,9):4
(6,7):1
           (6,8): -1
                      (6,9):2
```

1698. Inequality 1698 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5): -2
                      (1,6):2
                                (1,7):-1
                                           (1,8):-1
                                                      (1,9):1
(2,4):-3
           (2,5):1
                      (2,6):2
                                (2,7):4
                                           (2,8):3
                                                      (2,9):1
(3,4):-1
           (3,5):2
                      (3,6):3
                                (3,7): -3
                                           (3,8):5
                                                      (3,9):-2
(4,7):2
                                           (5,8):-2
                                                      (5,9):3
           (4,8):3
                     (4,9):2
                                (5,7): -2
(6,7):0
           (6,8): -2
                     (6,9):1
```

1699. Inequality 1699 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5): -2
                     (1,6):2
                                (1,7):-1
                                          (1,8): -1
                                                      (1,9):1
                                (2,7):4
                                                      (2,9):2
(2,4):-4
           (2,5):1
                     (2,6):2
                                           (2,8):3
(3,4):0
           (3,5):2
                                (3,7):-3
                                                      (3,9):-3
                     (3,6):3
                                           (3,8):5
                                          (5,8): -2
(4,7):3
           (4,8):3
                     (4,9):3
                                (5,7): -3
                                                      (5,9):4
(6,7):0
           (6,8): -2
                     (6,9):1
```

1700. Inequality 1700 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):-2
                     (1,6):2
                               (1,7):-1
                                          (1,8):-1
                                                      (1,9):1
(1,4):1
(2,4):-5
           (2,5):1
                     (2,6):2
                                (2,7):4
                                           (2,8):3
                                                     (2,9):3
(3,4):1
                               (3,7):-4
                                                     (3,9):-4
           (3,5):2
                     (3,6):4
                                          (3,8):5
(4,7):4
           (4,8):3
                     (4,9):4
                               (5,7): -4
                                          (5,8): -2
                                                     (5,9):5
          (6,8): -2
(6,7):1
                     (6,9):1
```

1701. Inequality 1701 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):2
                                 (1,7):1
(1,4):1
           (1,5):1
                                            (1,8): -1
                                                       (1,9): -2
(2,4):-2
           (2,5): -3
                                                       (2,9):1
                      (2,6):2
                                 (2,7):3
                                            (2,8):3
(3,4):-1
           (3,5):2
                      (3,6):1
                                 (3,7):-2
                                            (3,8):2
                                                       (3,9): -2
(4,7):1
           (4,8):2
                      (4,9):-1
                                                       (5,9):3
                                 (5,7):2
                                            (5,8):1
(6,7):-1
           (6,8): -1
                      (6,9):1
```

1702. Inequality 1702 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4): -2
           (1,5):1
                      (1,6):2
                                 (1,7):1
                                            (1,8):2
                                                       (1,9): -2
(2,4):-3
           (2,5):1
                      (2,6): -3
                                 (2,7):4
                                            (2,8):3
                                                       (2,9):2
(3,4):-1
           (3,5): -1
                      (3,6):1
                                 (3,7):-3
                                            (3,8):3
                                                       (3,9):1
(4,7):2
                                 (5,7):-2
           (4,8):3
                      (4,9):1
                                           (5,8):-1
                                                       (5,9):2
                      (6,9):2
(6,7):2
           (6,8):0
```

1703. Inequality 1703 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):1
                                (1,7):0
                                                     (1,9):-1
(1,4):-2
                     (1,6):3
                                           (1,8):1
(2,4):-4
                     (2,6): -4
          (2,5):3
                                (2,7):6
                                           (2,8):6
                                                      (2,9):1
(3,4):-2
          (3,5):1
                     (3,6): -2
                                (3,7):-4
                                                      (3,9):1
                                           (3,8):6
(4,7):2
          (4,8):4
                     (4,9):2
                                (5,7): -2
                                          (5,8):-4
                                                      (5,9):3
(6,7):2
           (6,8):3
                     (6,9):2
```

1704. Inequality 1704 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5): -2
                      (1,6):2
                                (1,7):-1
                                           (1,8):-1
                                                      (1,9):1
           (2,5):0
(2,4):-3
                      (2,6):0
                                (2,7):3
                                           (2,8):3
                                                      (2,9):3
(3,4):-1
           (3,5):2
                      (3,6):4
                                (3,7): -3
                                           (3,8):5
                                                      (3,9):-3
(4,7):2
           (4,8):3
                      (4,9):2
                                (5,7): -3
                                           (5,8):-2
                                                      (5,9):5
(6,7):2
           (6,8): -2
                     (6,9):2
```

1705. Inequality 1705 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5): -2
                      (1,6):2
                                (1,7):-1
                                           (1,8):-1
                                                      (1,9):1
(2,4):-4
                      (2,6):2
                                (2,7):3
                                           (2,8):3
                                                      (2,9):3
           (2,5):1
(3,4):1
           (3,5):2
                      (3,6):3
                                (3,7): -3
                                           (3,8):4
                                                      (3,9):-3
(4,7):3
           (4,8):2
                     (4,9):3
                                (5,7): -3
                                           (5,8):-2
                                                      (5,9):4
           (6,8):-2
(6,7):1
                      (6,9):0
```

1706. Inequality 1706 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):2
                                 (1,7):1
                                           (1,8):-1
                                                      (1,9):0
                      (1,6):1
(2,4):-3
           (2,5):2
                                (2,7):3
                                                      (2,9):1
                     (2,6):-1
                                           (2,8):2
(3,4):-1
          (3,5):-1
                     (3,6):2
                                (3,7):-2
                                           (3,8):2
                                                      (3,9):0
(4,7):2
           (4,8):2
                      (4,9):3
                                (5,7):-4
                                           (5,8):0
                                                      (5,9):3
(6,7):2
           (6,8):-1
                      (6,9):1
```

1707. Inequality 1707 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                      (1,6): -1
                                 (1,7):2
                                            (1,8):1
                                                       (1,9):-1
(2,4):-3
           (2,5):2
                      (2,6): -1
                                 (2,7):3
                                            (2,8):2
                                                       (2,9):1
(3,4):-1
           (3,5): -1
                      (3,6):1
                                 (3,7):-3
                                            (3,8):3
                                                       (3,9):1
(4,7):1
           (4,8):2
                      (4,9):2
                                 (5,7):-4
                                            (5,8): -2
                                                       (5,9):3
                      (6,9):2
(6,7):3
           (6,8):0
```

1708. Inequality 1708 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):3
                      (1,6): -1
                                 (1,7):2
                                            (1,8):1
                                                      (1,9): -2
(2,4):-7
           (2,5):3
                      (2,6):-4
                                 (2,7):7
                                            (2,8):3
                                                       (2,9):4
(3,4):-4
           (3,5):1
                                 (3,7):-4
                                                       (3,9):1
                      (3,6):4
                                            (3,8):6
                                                       (5,9):5
(4,7):2
           (4,8):6
                                (5,7):-5
                      (4,9):6
                                           (5,8):-5
(6,7):6
           (6,8): -3
                      (6,9):2
```

1709. Inequality 1709 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):2
                      (1,6): -1
                                 (1,7):2
                                            (1,8):1
                                                       (1,9):-1
(1,4):1
(2,4):-4
           (2,5):2
                      (2,6): -2
                                 (2,7):4
                                            (2,8):2
                                                       (2,9):2
                                 (3,7):-3
(3,4): -2
           (3,5):-1
                      (3,6):2
                                            (3.8):3
                                                       (3,9):1
(4,7):1
           (4,8):3
                      (4,9):3
                                (5,7):-4
                                           (5,8): -2
                                                       (5,9):3
(6,7):4
           (6,8):-1
                      (6,9):2
```

1710. Inequality 1710 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):2
(1,4):1
           (1,5):2
                      (1,6): -1
                                            (1,8):1
                                                       (1,9):-1
(2,4):-3
           (2,5):2
                                                       (2,9):1
                      (2,6): -1
                                 (2,7):3
                                            (2,8):2
(3,4):-1
           (3,5): -2
                                 (3,7):-3
                                            (3,8):3
                                                       (3,9):1
                      (3,6):2
(4,7):1
           (4,8):2
                      (4,9):2
                                 (5,7):-4
                                                       (5,9):3
                                            (5,8):-1
                      (6,9):2
(6,7):3
           (6,8): -1
```

1711. Inequality 1711 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):3
           (1,5):4
                      (1,6):1
                                 (1,7):0
                                            (1,8):3
                                                       (1,9): -3
(2,4):-4
           (2,5):3
                      (2,6): -1
                                 (2,7):4
                                            (2,8):3
                                                       (2,9):1
(3,4): -2
           (3,5): -1
                      (3,6):3
                                 (3,7):-4
                                            (3,8):5
                                                       (3,9):3
(4,7):4
                                 (5,7):-4
           (4,8):2
                      (4,9):5
                                            (5,8):-5
                                                       (5,9):3
           (6,8): -2
(6,7):2
                      (6,9):-1
```

1712. Inequality 1712 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):-1
(1,4):1
           (1,5):3
                      (1,6):2
                                            (1,8):1
                                                       (1,9): -2
(2,4): -6
           (2,5):6
                      (2,6): -3
                                 (2,7):6
                                            (2,8):5
                                                       (2,9):2
(3,4):-5
                                 (3,7):-5
                                                       (3,9):2
           (3,5): -1
                      (3,6):4
                                            (3,8):5
                                 (5,7):-4
(4,7):1
           (4,8):6
                      (4,9):5
                                            (5,8):-5
                                                       (5,9):5
(6,7):5
           (6,8): -2
                      (6,9):2
```

1713. Inequality 1713 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):0
          (1,5):2
                     (1,6):2
                                 (1,7):1
                                           (1,8): -2
                                                       (1,9):-3
(2,4):3
          (2,5): -1
                                (2,7): -2
                                            (2,8):3
                                                       (2,9): -2
                     (2,6):1
(3,4):1
          (3,5):2
                     (3,6): -2
                                (3,7):4
                                            (3,8):3
                                                       (3,9): -2
(4,7):2
          (4,8): -3
                     (4,9):3
                                (5,7): -2
                                            (5,8):2
                                                       (5,9):3
(6,7):1
          (6,8):1
                     (6,9):1
```

1714. Inequality 1714 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):4
                      (1,6):4
                                 (1,7):0
                                            (1,8): -3
                                                       (1,9):-5
(2,4):5
           (2,5): -5
                                 (2,7):4
                                            (2,8):5
                                                       (2,9):-1
                      (2,6):2
(3,4):3
           (3,5):3
                      (3,6): -3
                                 (3,7):-4
                                            (3,8):4
                                                       (3,9): -3
(4,7): -3
           (4,8): -4
                      (4,9):5
                                 (5,7):4
                                            (5,8):4
                                                       (5,9):4
           (6,8):2
                      (6,9):2
(6,7):-1
```

1715. Inequality 1715 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):3
                      (1,6):3
                                 (1,7):0
                                            (1,8): -2
                                                       (1,9): -3
(1,4):1
(2,4):3
           (2,5):-4
                                                       (2,9):0
                      (2,6):2
                                 (2,7):3
                                            (2,8):4
(3,4):2
           (3,5):2
                      (3,6): -2
                                 (3,7): -3
                                            (3,8):3
                                                       (3,9): -2
(4,7): -2
           (4,8): -3
                      (4,9):3
                                 (5,7):3
                                            (5,8):3
                                                       (5,9):3
(6,7):-1
           (6,8):1
                      (6,9):1
```

1716. Inequality 1716 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):0
           (1,5):-1
                                 (1,7):-1
                                           (1,8):-1
                                                       (1,9):2
                      (1,6):1
(2,4):-2
           (2,5):1
                      (2,6): -2
                                 (2,7):2
                                            (2,8):1
                                                       (2,9):2
(3,4):-2
           (3,5):1
                      (3,6):2
                                (3,7):-1
                                            (3,8):3
                                                       (3,9):1
(4,7):1
           (4,8):2
                      (4,9):3
                                (5,7):-1
                                           (5,8): -2
                                                       (5,9):2
(6,7):2
           (6,8):-1
                      (6,9):0
```

1717. Inequality 1717 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                      (1,6):1
                                 (1,7):-1
                                            (1,8): -1
                                                       (1,9): -2
           (2,5):-1
(2,4):3
                      (2,6): -1
                                 (2,7):2
                                            (2,8):2
                                                       (2,9):-1
                                                       (3,9):-1
(3,4):1
           (3,5):0
                                 (3,7):-2
                      (3,6):1
                                            (3,8):3
                                 (5,7):2
(4,7): -2
           (4,8): -2
                      (4,9):3
                                            (5,8):3
                                                       (5,9):2
(6,7):1
           (6,8): -1
                      (6,9):1
```

1718. Inequality 1718 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-5
           (1,5):-5
                      (1,6):1
                                 (1,7):4
                                            (1,8):1
                                                       (1,9):4
(2,4):-5
           (2,5):8
                      (2,6):1
                                 (2,7):7
                                            (2,8):7
                                                       (2,9): -2
                                 (3,7):-7
                                            (3.8):7
                                                       (3,9):3
(3,4):0
           (3,5):0
                      (3,6):3
(4,7):8
           (4,8):5
                      (4,9):3
                                (5,7): -3
                                           (5,8): -6
                                                       (5,9):6
(6,7):1
           (6,8): -2
                      (6,9): -2
```

1719. Inequality 1719 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):2
                                 (1,7):1
                                                       (1,9):-3
(1,4):2
           (1,5):1
                                            (1,8): -1
(2,4):3
                                                       (2,9):-1
           (2,5): -1
                      (2,6): -2
                                 (2,7):4
                                            (2,8):3
(3,4):2
           (3,5):1
                      (3,6): -1
                                 (3,7): -3
                                            (3,8):3
                                                       (3,9): -2
(4,7):-2
           (4,8): -2
                      (4,9):3
                                                       (5,9):2
                                 (5,7):2
                                            (5,8):1
           (6,8):2
                      (6,9):1
(6,7):0
```

1720. Inequality 1720 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                      (1,6):1
                                 (1,7):-1
                                            (1,8):-1
                                                      (1,9): -2
(2,4):3
           (2,5):0
                     (2,6): -2
                                 (2,7):2
                                            (2,8):2
                                                      (2,9):-1
(3,4):1
           (3,5):0
                      (3,6):1
                                 (3,7): -2
                                            (3,8):3
                                                      (3,9):-1
(4,7):-2
           (4,8): -2
                      (4,9):3
                                 (5,7):2
                                            (5,8):2
                                                       (5,9):2
(6,7):1
           (6,8):0
                      (6,9):1
```

1721. Inequality 1721 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):-1
(1,4):2
           (1,5):3
                      (1,6):1
                                             (1,8): -2
                                                        (1,9): -3
(2,4):5
                      (2,6): -2
           (2,5): -1
                                  (2,7):3
                                             (2,8):3
                                                        (2,9): -2
(3,4):2
                                 (3,7):-3
           (3,5):0
                      (3,6):2
                                             (3,8):5
                                                        (3,9): -2
(4,7): -3
           (4,8): -3
                      (4,9):5
                                  (5,7):3
                                             (5,8):4
                                                        (5,9):3
           (6,8): -1
(6,7):1
                      (6,9):1
```

1722. Inequality 1722 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                      (1,6):1
                                 (1,7):-1
                                            (1,8):-1
                                                       (1,9): -2
           (2,5):0
                      (2,6): -2
                                 (2,7):2
                                            (2,8):2
                                                       (2,9): -2
(2,4):4
(3,4):2
           (3,5):0
                      (3,6):2
                                 (3,7):-2
                                            (3,8):4
                                                       (3,9): -2
(4,7):-2
           (4,8): -3
                      (4,9):4
                                 (5,7):2
                                            (5,8):3
                                                       (5,9):3
(6,7):1
           (6,8): -1
                      (6,9):1
```

1723. Inequality 1723 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):3
           (1,5):4
                      (1,6):1
                                 (1,7):-1
                                            (1,8): -3
                                                       (1,9): -4
(2,4):7
           (2,5): -2
                                 (2,7):5
                                            (2,8):5
                                                       (2,9):-3
                      (2,6): -2
(3,4):2
           (3,5):0
                      (3,6):2
                                 (3,7):-5
                                            (3,8):7
                                                       (3,9): -2
(4,7):-4
           (4,8):-4
                      (4,9):6
                                 (5,7):4
                                            (5,8):6
                                                       (5,9):4
           (6,8):-1
                      (6,9):1
(6,7):1
```

1724. Inequality 1724 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):4
                                  (1,7):2
                                             (1,8):2
                                                        (1,9): -4
(1,4):2
                      (1,6): -2
                                                        (2,9):3
(2,4): -6
           (2,5):0
                      (2,6): -3
                                  (2,7):3
                                             (2,8):3
(3,4): -3
           (3,5):2
                      (3,6):4
                                 (3,7): -3
                                             (3,8):6
                                                        (3,9):2
(4,7):3
           (4,8):4
                      (4,9):6
                                 (5,7): -2
                                             (5,8):-4
                                                        (5,9):4
(6,7):3
           (6,8): -1
                      (6,9): -1
```

1725. Inequality 1725 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):3
                      (1,6):2
                                 (1,7):1
                                                       (1,9): -3
                                            (1,8):-1
(2,4):3
           (2,5): -4
                      (2,6):1
                                 (2,7):4
                                            (2,8):4
                                                       (2,9):0
(3,4):3
           (3,5):2
                      (3,6): -3
                                 (3,7):-4
                                            (3,8):4
                                                       (3,9): -2
(4,7):-2
           (4,8): -3
                      (4,9):3
                                 (5,7):3
                                            (5,8):3
                                                       (5,9):3
(6,7): -2
           (6,8):1
                      (6,9):1
```

1726. Inequality 1726 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5): -2
                      (1,6):2
                                 (1,7):-1
                                            (1,8):-1
                                                       (1,9):3
(2,4):-7
                                                       (2,9):0
           (2,5):5
                      (2,6): -2
                                 (2,7):5
                                            (2,8):5
(3,4):-2
           (3,5):5
                                (3,7):-5
                                                      (3,9):0
                      (3,6):5
                                            (3,8):7
                                                       (5,9):6
                                           (5,8):-7
(4,7):4
           (4,8):6
                      (4,9):6
                                 (5,7):-1
(6,7):4
           (6,8): -2
                      (6,9): -3
```

1727. Inequality 1727 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5): -2
                      (1,6):2
                                 (1,7):-1
                                            (1,8): -1
                                                        (1,9):3
(2,4): -6
           (2,5):5
                      (2,6): -1
                                 (2,7):5
                                            (2,8):5
                                                        (2,9):0
                                 (3,7):-5
(3,4):-1
           (3,5):5
                      (3,6):4
                                            (3.8):6
                                                       (3,9):-1
(4,7):4
           (4,8):5
                      (4,9):5
                                 (5,7):-1
                                            (5,8):-7
                                                        (5,9):6
           (6,8): -2
                      (6,9): -3
(6,7):4
```

1728. Inequality 1728 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5): -2
                      (1,6):2
                                (1,7):-1
                                            (1,8):-1
                                                       (1,9):3
(2,4):-4
                                 (2,7):3
                                                       (2,9):2
           (2,5):1
                      (2,6):-1
                                            (2,8):3
(3,4):-1
           (3,5):2
                      (3,6):3
                                 (3,7): -3
                                            (3,8):4
                                                      (3,9):1
(4,7):2
           (4,8):3
                      (4,9):3
                                                      (5,9):3
                                 (5,7):0
                                           (5,8):-4
(6,7):3
                     (6,9): -2
           (6,8):-1
```

1729. Inequality 1729 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
          (1,5): -2
                      (1,6):1
                                 (1,7):1
                                            (1,8):1
                                                       (1,9): -2
           (2,5):2
(2,4):3
                     (2,6): -1
                                 (2,7):-2
                                            (2,8): -2
                                                       (2,9):0
(3,4):1
           (3,5):2
                      (3,6):1
                                 (3,7):2
                                            (3,8): -3
                                                       (3,9):1
                      (4,9):2
(4,7):1
           (4,8):2
                                 (5,7):1
                                            (5,8):4
                                                       (5,9):-3
                      (6,9):2
(6,7):-1
           (6,8):2
```

1730. Inequality 1730 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):1
(1,4):1
           (1,5):2
                      (1,6): -1
                                             (1,8):1
                                                        (1,9): -2
                                                        (2,9):0
(2,4): -6
           (2,5):4
                      (2,6): -2
                                  (2,7):4
                                             (2,8):4
(3,4): -2
                                 (3,7):-4
                                                        (3,9):0
           (3,5):4
                      (3,6):4
                                             (3,8):6
(4,7):3
           (4,8):5
                      (4,9):5
                                 (5,7):-1
                                             (5,8): -6
                                                        (5,9):5
(6,7):3
           (6,8): -2
                      (6,9): -2
```

1731. Inequality 1731 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                      (1,6): -1
                                  (1,7):1
                                             (1,8):1
                                                       (1,9): -2
(2,4):-5
           (2,5):4
                      (2,6): -1
                                 (2,7):4
                                            (2,8):4
                                                        (2,9):0
(3,4):-1
           (3,5):4
                      (3,6):3
                                 (3,7):-4
                                            (3,8):5
                                                       (3,9):-1
(4,7):3
           (4,8):4
                      (4,9):4
                                 (5,7):-1
                                            (5,8): -6
                                                        (5,9):5
(6,7):3
           (6,8): -2
                      (6,9): -2
```

1732. Inequality 1732 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                      (1,6):1
                                 (1,7):-1
                                            (1,8): -1
                                                       (1,9): -2
(2,4):3
           (2,5): -2
                                 (2,7):2
                                            (2,8):2
                                                        (2,9):0
                      (2,6): -1
(3,4):1
           (3,5):1
                      (3,6):1
                                 (3,7):-2
                                             (3,8):3
                                                       (3,9): -2
(4,7):-1
           (4,8): -2
                      (4,9):2
                                 (5,7):4
                                            (5,8):2
                                                        (5,9):3
(6,7): -2
           (6,8):0
                      (6,9):3
```

1733. Inequality 1733 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):3
                      (1,6):2
                                 (1,7):-1
                                            (1,8): -2
                                                       (1,9): -3
(1,4):1
(2,4):4
           (2,5): -1
                                                       (2,9):-2
                      (2,6): -1
                                 (2,7):3
                                            (2,8):3
(3,4):1
           (3,5):0
                      (3,6):1
                                 (3,7): -3
                                            (3,8):4
                                                       (3,9):-1
(4,7): -2
           (4,8): -3
                      (4,9):3
                                 (5,7):4
                                            (5,8):3
                                                        (5,9):3
(6,7):-1
           (6,8):1
                      (6,9):2
```

1734. Inequality 1734 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-3
           (1,5): -3
                      (1,6):1
                                 (1,7):2
                                            (1,8):1
                                                       (1,9):2
(2,4):-3
           (2,5):5
                      (2,6):1
                                 (2,7):5
                                            (2,8):5
                                                       (2,9):-1
(3,4):0
           (3,5):1
                      (3,6):2
                                 (3,7):-5
                                            (3,8):5
                                                       (3,9):1
(4,7):5
           (4,8):3
                      (4,9):2
                                 (5,7): -2
                                           (5,8):-4
                                                       (5,9):3
(6,7):1
           (6,8): -2
                      (6,9):-1
```

1735. Inequality 1735 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5): -3
                      (1,6):2
                                 (1,7):1
                                           (1,8): -2
                                                      (1,9):1
(2,4):-4
                                 (2,7):3
           (2,5):3
                      (2,6):1
                                            (2,8):4
                                                      (2,9):1
(3,4):-1
           (3,5):2
                                (3,7):-3
                                           (3,8):3
                                                      (3,9):1
                      (3,6):2
(4,7):2
                                           (5,8): -6
           (4,8):4
                      (4,9):4
                                 (5,7):0
                                                      (5,9):4
(6,7):1
           (6,8):-1
                     (6,9):-1
```

1736. Inequality 1736 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):2
                      (1,6):2
                                 (1,7):1
                                            (1,8): -1
                                                       (1,9):-3
(1,4):1
(2,4):0
           (2,5):3
                      (2,6): -2
                                 (2,7):4
                                            (2,8):3
                                                       (2,9): -2
                                 (3,7):-3
                                                       (3,9):1
(3,4):-1
           (3,5): -1
                      (3,6):1
                                            (3.8):3
(4,7):3
           (4,8):1
                      (4,9):4
                                 (5,7):-4
                                            (5,8): -1
                                                       (5,9):3
           (6,8):1
                      (6,9):1
(6,7):1
```

1737. Inequality 1737 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):3
(1,4): -4
           (1,5): -2
                      (1,6): -1
                                            (1,8):1
                                                       (1,9):3
(2,4):-2
                                                       (2,9):-3
           (2,5):5
                      (2,6): -1
                                 (2,7):5
                                            (2,8):4
           (3,5):1
(3,4):-1
                                 (3,7):-5
                                            (3,8):6
                                                       (3,9):1
                      (3,6):2
(4,7):5
           (4,8):4
                      (4,9):4
                                 (5,7):-2
                                                       (5,9):4
                                            (5,8):-4
(6,7):2
           (6,8): -1
                      (6,9): -1
```

1738. Inequality 1738 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):4
           (1,5):3
                      (1,6):1
                                 (1,7): -3
                                             (1,8):0
                                                       (1,9):-3
                                                       (2,9): -2
(2,4):-3
           (2,5):5
                      (2,6): -1
                                 (2,7):6
                                             (2,8):5
(3,4):-1
           (3,5): -1
                      (3,6):2
                                 (3,7): -6
                                             (3,8):6
                                                        (3,9):2
                                 (5,7):-3
(4,7):6
           (4,8):4
                      (4,9):4
                                            (5,8):-4
                                                        (5,9):4
(6,7):2
           (6,8): -1
                      (6,9): -1
```

1739. Inequality 1739 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):0
                                                       (1,9):-1
(1,4):1
           (1,5):2
                      (1,6):1
                                             (1,8):1
(2,4):-1
                                            (2,8):2
           (2,5):2
                      (2,6): -1
                                 (2,7):3
                                                       (2,9):-1
(3,4): -1
                                 (3,7):-3
                                                        (3,9):2
           (3,5): -1
                      (3,6):2
                                            (3,8):3
                                 (5,7):-3
(4,7):3
           (4,8):1
                      (4,9):3
                                            (5,8): -2
                                                        (5,9):2
(6,7):2
           (6,8): -1
                      (6,9): -1
```

1740. Inequality 1740 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):3
           (1,5):3
                      (1,6):1
                                 (1,7):-2
                                            (1,8):1
                                                       (1,9): -2
           (2,5):4
(2,4):-3
                      (2,6): -1
                                 (2,7):5
                                                       (2,9):-1
                                            (2,8):4
(3,4):-1
           (3,5):-1
                      (3,6):2
                                 (3,7):-5
                                            (3,8):5
                                                       (3,9):2
(4,7):5
           (4,8):3
                      (4,9):3
                                 (5,7):-3
                                            (5,8):-4
                                                       (5,9):3
(6,7):2
           (6,8): -1
                      (6,9):-1
```

1741. Inequality 1741 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5): -3
                      (1,6):3
                                 (1,7):-2
                                            (1,8): -1
                                                       (1,9):4
(2,4):-3
           (2,5):3
                                 (2,7):4
                                            (2,8):4
                                                       (2,9):1
                      (2,6):1
(3,4):0
           (3,5):3
                      (3,6):3
                                (3,7):-4
                                            (3,8):5
                                                       (3,9):-1
                                           (5,8):-4
(4,7):2
           (4,8):3
                      (4,9):3
                                (5,7):-2
                                                       (5,9):3
(6,7):2
           (6,8):-1
                     (6,9): -2
```

1742. Inequality 1742 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5): -4
                      (1,6):4
                                 (1,7): -3
                                            (1,8):-1
                                                        (1,9):6
(1,4): -2
(2,4):-5
           (2,5):4
                      (2,6):1
                                 (2,7):5
                                             (2,8):5
                                                        (2,9):2
(3,4):1
           (3,5):4
                      (3,6):4
                                 (3,7):-5
                                             (3,8):6
                                                       (3,9): -2
(4,7):3
           (4,8):4
                      (4,9):5
                                 (5,7): -3
                                            (5,8):-5
                                                        (5,9):4
(6,7):3
           (6,8): -1
                      (6,9): -3
```

1743. Inequality 1743 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4): -2
           (1,5):0
                      (1,6): -2
                                  (1,7):1
                                             (1,8):1
                                                        (1,9):2
(2,4):-2
           (2,5):2
                      (2,6):1
                                 (2,7):3
                                            (2,8):3
                                                       (2,9):-1
(3,4): -2
           (3,5):1
                      (3,6):2
                                 (3,7): -3
                                            (3,8):4
                                                        (3,9):0
(4,7):1
           (4,8):3
                      (4,9):2
                                 (5,7):-1
                                            (5,8): -2
                                                        (5,9):2
           (6,8): -1
(6,7):1
                      (6,9):1
```

1744. Inequality 1744 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
          (1,5):2
                    (1,6):2
                               (1,7):1
                                         (1,8):0
                                                    (1,9): -3
                    (2,6):2
(2,4):-4
          (2,5):1
                               (2,7):3
                                         (2,8):3
                                                    (2,9):1
          (3,5):0
                              (3,7):-3
                                                    (3,9):-1
(3,4):0
                    (3,6):1
                                         (3,8):3
(4,7):2
                    (4,9):3
                                         (5,8): -3
                                                    (5,9):2
          (4,8):3
                              (5,7):-2
          (6,8):0
                    (6,9):2
(6,7):-1
```

1745. Inequality 1745 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):1
           (1,5):3
                                (1,7):2
                                           (1,8):0
                                                     (1,9):-3
(1,4):3
(2,4):-5
           (2,5):3
                     (2,6):1
                                (2,7):4
                                          (2,8):4
                                                     (2,9):1
                               (3,7):-4
                                                     (3,9):-2
(3,4):0
          (3,5):-1
                     (3,6):3
                                          (3,8):4
(4,7):2
           (4,8):4
                     (4,9):4
                               (5,7): -5
                                          (5,8): -2
                                                     (5,9):2
(6,7):1
          (6,8): -2
                     (6,9):2
```

1746. Inequality 1746 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):-1
                                          (1,8):1
                                                    (1,9): -3
(1,4):3
           (1,5):2
                     (1,6):2
                                          (2,8):3
                                                     (2,9):0
(2,4):-5
           (2,5):3
                     (2,6):2
                                (2,7):3
(3,4):-1
          (3,5): -5
                               (3,7):-4
                                          (3,8):4
                                                     (3,9):2
                     (3,6):4
                     (4,9):4
                               (5,7):-4
                                          (5,8):0
                                                     (5,9):4
(4,7):4
          (4,8):3
(6,7):2
          (6,8): -3
                     (6,9):1
```

1747. Inequality 1747 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4): -2
           (1,5):0
                      (1,6): -3
                                 (1,7):2
                                            (1,8):2
                                                       (1,9):3
(2,4):-2
           (2,5):2
                      (2,6):1
                                 (2,7):2
                                            (2,8):2
                                                      (2,9):-1
(3,4): -2
           (3,5): -1
                      (3,6):2
                                (3,7):-3
                                            (3,8):3
                                                       (3,9):1
                                (5,7):-2
(4,7):1
           (4,8):3
                      (4,9):2
                                           (5,8):-2
                                                       (5,9):3
                      (6,9):2
(6,7):2
           (6,8):0
```

1748. Inequality 1748 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):3
(1,4):2
           (1,5):4
                     (1,6): -1
                                            (1,8):1
                                                      (1,9): -3
(2,4):-3
           (2,5):2
                      (2,6):1
                                 (2,7):2
                                            (2,8):3
                                                      (2,9):1
(3,4):1
                                (3,7):-4
                                                      (3,9):-3
           (3,5):1
                      (3,6):3
                                            (3,8):4
(4,7):1
           (4,8):4
                      (4,9):5
                                (5,7):-4
                                           (5,8):-4
                                                      (5,9):3
(6,7):2
           (6,8): -2
                      (6,9):1
```

1749. Inequality 1749 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-3
           (1,5): -1
                      (1,6):2
                                 (1,7):1
                                            (1,8):2
                                                       (1,9):3
(2,4):-1
           (2,5):4
                      (2,6):1
                                 (2,7):3
                                            (2,8):3
                                                       (2,9): -2
(3,4):1
           (3,5):-1
                      (3,6):1
                                 (3,7):-4
                                            (3,8):3
                                                       (3,9):0
(4,7):4
           (4,8):2
                      (4,9):3
                                 (5,7): -3
                                            (5,8): -2
                                                       (5,9):3
           (6,8): -2
(6,7):1
                      (6,9):-1
```

1750. Inequality 1750 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-3
           (1,5): -1
                      (1,6):2
                                 (1,7):2
                                            (1,8):1
                                                       (1,9):3
(2,4):-1
                                 (2,7):3
                                            (2,8):3
                                                       (2,9): -2
           (2,5):4
                      (2,6):1
(3,4):1
           (3,5):-1
                      (3,6):1
                                 (3,7):-4
                                            (3,8):3
                                                       (3,9):0
(4,7):3
           (4,8):3
                      (4,9):3
                                 (5,7): -3
                                            (5,8): -2
                                                       (5,9):3
           (6,8):0
                      (6,9):-1
(6,7):-1
```

1751. Inequality 1751 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):1
                     (1,6):2
                                (1,7):2
                                           (1,8):-1
                                                      (1,9):-4
(1,4):2
(2,4):-7
           (2,5):6
                     (2,6):2
                                (2,7):5
                                                      (2,9):0
                                           (2,8):6
(3,4): -2
           (3,5):5
                     (3,6): -3
                                (3,7):-4
                                           (3,8):7
                                                      (3,9): -3
(4,7):3
           (4,8):7
                     (4,9):7
                                (5,7): -2
                                           (5,8):-7
                                                      (5,9):7
(6,7): -2
           (6,8):2
                     (6,9):1
```

1752. Inequality 1752 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):0
           (1,5):2
                      (1,6):1
                                 (1,7):1
                                                       (1,9):-1
                                            (1,8):-1
(2,4):-3
           (2,5):3
                      (2,6): -1
                                 (2,7):3
                                            (2,8):2
                                                       (2,9):0
(3,4):-1
           (3,5):0
                      (3,6):2
                                 (3,7): -2
                                            (3,8):2
                                                       (3,9):-1
(4,7):2
           (4,8):3
                      (4,9):3
                                 (5,7):-4
                                            (5,8):-1
                                                       (5,9):4
           (6,8): -1
(6,7):2
                      (6,9):1
```

1753. Inequality 1753 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
          (1,5): -2
                     (1,6):1
                                (1,7):1
                                           (1,8):1
                                                      (1,9): -2
(2,4):4
                                (2,7):-2
                                                      (2,9):0
           (2,5):2
                     (2,6): -2
                                           (2,8):-2
                                                      (3,9):1
           (3,5):3
(3,4):2
                     (3,6):2
                                (3,7):2
                                           (3,8):-4
(4,7):1
           (4,8):4
                                                      (5,9):-4
                      (4,9):4
                                (5,7):1
                                           (5,8):4
           (6,8):1
                      (6,9):1
(6,7):-1
```

1754. Inequality 1754 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-3
           (1,5):-1
                      (1,6): -2
                                 (1,7):1
                                            (1,8):2
                                                       (1,9):3
(2,4):-1
           (2,5):4
                      (2,6): -1
                                 (2,7):3
                                            (2,8):3
                                                       (2,9): -2
                                 (3,7):-3
                                                       (3,9):0
(3,4): -2
           (3,5):1
                      (3,6):2
                                            (3.8):4
(4,7):2
           (4,8):3
                      (4,9):3
                                 (5,7):-2
                                            (5,8): -3
                                                       (5,9):3
           (6,8):1
                      (6,9):1
(6,7):1
```

1755. Inequality 1755 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,9):-5
(1,4):1
           (1,5):3
                     (1,6):4
                                (1,7):4
                                           (1,8): -1
(2,4):-5
           (2,5):2
                                (2,7):4
                                                      (2,9):2
                     (2,6):1
                                           (2,8):4
                     (3,6): -3
(3,4):-1
           (3,5):3
                                (3,7): -3
                                           (3,8):6
                                                      (3,9): -2
(4,7):3
           (4,8):5
                     (4,9):5
                                           (5,8):-5
                                                      (5,9):5
                                (5,7): -2
(6,7):-4
           (6,8):3
                     (6,9):1
```

1756. Inequality 1756 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                     (1,6):3
                                (1,7):3
                                           (1,8):-1
                                                      (1,9): -4
(2,4):-5
           (2,5):3
                     (2,6):1
                                (2,7):4
                                           (2,8):4
                                                      (2,9):1
(3,4):-1
           (3,5):3
                     (3,6): -2
                                (3,7): -3
                                           (3,8):5
                                                      (3,9): -2
                     (4,9):5
(4,7):3
           (4,8):5
                                (5,7): -2
                                           (5,8):-5
                                                      (5,9):5
(6,7): -3
           (6,8):2
                     (6,9):1
```

1757. Inequality 1757 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):1
                                (1,7):2
                                                      (1,9):-3
                     (1,6):2
                                           (1,8):-1
(2,4):-4
                     (2,6):1
           (2,5):2
                                (2,7):3
                                           (2,8):3
                                                      (2,9):1
(3,4):-1
           (3,5):2
                                (3,7):-2
                                           (3,8):3
                                                      (3,9):-1
                     (3,6): -1
(4,7):2
                                           (5,8): -4
           (4,8):4
                     (4,9):4
                                (5,7):-1
                                                      (5,9):4
(6,7): -2
           (6,8):1
                     (6,9):1
```

1758. Inequality 1758 with incidence 28 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):2
           (1,5): -1
                      (1,6):2
                                 (1,7):-1
                                            (1,8):1
                                                       (1,9):1
(2,4):-1
                      (2,6):1
                                 (2,7):3
           (2,5):2
                                            (2,8):2
                                                       (2,9):-1
(3,4):-2
           (3,5):0
                      (3,6):2
                                 (3,7):-2
                                            (3,8):3
                                                       (3,9):1
(4,7):2
           (4,8):1
                      (4,9):2
                                 (5,7): -2
                                            (5,8):-1
                                                       (5,9):2
(6,7):0
           (6,8): -2
                      (6,9):-1
```

1759. Inequality 1759 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5): -1
                      (1,6):2
                                  (1,7):0
                                             (1,8):1
                                                        (1,9):1
(2,4):-1
                      (2,6):1
                                 (2,7):3
                                            (2,8):2
                                                       (2,9): -2
           (2,5):3
(3,4):-1
           (3,5):-1
                      (3,6):2
                                 (3,7): -3
                                            (3,8):3
                                                        (3,9):2
(4,7):3
           (4,8):1
                      (4,9):3
                                 (5,7): -3
                                            (5,8): -1
                                                        (5,9):3
(6,7):0
           (6,8): -2
                      (6,9):-1
```

1760. Inequality 1760 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):3
                     (1,6):5
                                 (1,7):4
                                           (1,8):-1
                                                      (1,9): -4
(2,4):-3
           (2,5):2
                     (2,6): -2
                                 (2,7):4
                                                       (2,9):2
                                            (2,8):5
(3,4):-1
           (3,5):3
                     (3,6): -3
                                (3,7): -3
                                            (3,8):6
                                                      (3,9): -2
(4,7):2
           (4,8):3
                     (4,9):2
                                (5,7): -2
                                           (5,8):-4
                                                       (5,9):4
(6,7): -3
           (6,8):5
                     (6,9):2
```

1761. Inequality 1761 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):2
                     (1,6):4
                                (1,7):3
                                           (1,8):-1
                                                      (1,9): -3
(2,4):-3
           (2,5):2
                     (2,6): -2
                                (2,7):3
                                           (2,8):4
                                                      (2,9):2
(3,4):0
           (3,5):2
                     (3,6): -2
                                (3,7):-2
                                           (3,8):4
                                                      (3,9): -2
(4,7):2
                     (4,9):2
                                           (5,8):-3
                                                      (5,9):3
           (4,8):2
                                (5,7): -2
(6,7):-2
           (6,8):4
                     (6,9):2
```

1762. Inequality 1762 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):2
                     (1,6):4
                                (1,7):3
                                           (1,8): -1
                                                      (1,9): -3
(2,4):-4
           (2,5):2
                     (2,6): -1
                                (2,7):3
                                                      (2,9):2
                                           (2,8):4
(3,4):0
           (3,5):2
                                (3,7):-2
                                                      (3,9):-2
                     (3,6): -2
                                           (3,8):4
                                           (5,8):-4
(4,7):3
           (4,8):3
                     (4,9):3
                                (5,7): -2
                                                      (5,9):4
(6,7): -3
           (6,8):4
                     (6,9):2
```

1763. Inequality 1763 with incidence 28 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):-2
           (1,5):1
                     (1,6):2
                                (1,7):1
                                                     (1,9):-1
                                           (1,8):1
(2,4):-3
          (2,5):1
                     (2,6): -2
                                (2,7):4
                                           (2,8):3
                                                      (2,9):1
(3,4):-2
                                (3,7):-3
          (3,5):1
                     (3,6):-1
                                           (3,8):4
                                                      (3,9):1
(4,7):2
          (4,8):3
                     (4,9):2
                                (5,7):-1
                                          (5,8): -2
                                                      (5,9):2
(6,7):1
           (6,8):1
                     (6,9):1
```

1764. Inequality 1764 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6): \overline{3}
                                  (1,7):-1
(1,4):-1
            (1,5):1
                                              (1,8):3
                                                         (1,9):-3
(2,4):-3
            (2,5):3
                                                          (2,9):0
                       (2,6): -1
                                   (2,7):3
                                              (2,8):2
                       (3,6):1
(3,4): -2
           (3,5): -2
                                  (3,7):-1
                                              (3,8):3
                                                          (3,9):3
(4,7):2
            (4,8):4
                       (4,9):2
                                  (5,7):-3
                                                          (5,9):4
                                              (5,8):-1
                       (6,9):2
(6,7):2
           (6,8): -3
```

1765. Inequality 1765 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4): -2
           (1,5):2
                      (1,6):4
                                 (1,7):0
                                            (1,8):4
                                                       (1,9): -4
(2,4):-5
           (2,5):1
                      (2,6): -2
                                 (2,7):5
                                            (2,8):3
                                                       (2,9):4
(3,4): -2
           (3,5): -2
                      (3,6):2
                                 (3,7):-3
                                            (3,8):3
                                                       (3,9):2
(4,7):3
                                 (5,7):-5
           (4,8):5
                      (4,9):3
                                            (5,8):-1
                                                       (5,9):5
(6,7):4
           (6,8):-4
                      (6,9):4
```

1766. Inequality 1766 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5): -2
                                 (1,7):2
(1,4):3
                      (1,6):3
                                            (1,8): -2
                                                       (1,9):2
(2,4):-2
           (2,5):3
                      (2,6):2
                                 (2,7):3
                                            (2,8):5
                                                       (2,9):-1
(3,4):-3
           (3,5):0
                                 (3,7):-3
                      (3,6):3
                                            (3,8):4
                                                       (3,9):1
                                            (5,8):-3
(4,7):-1
           (4,8):5
                      (4,9):2
                                 (5,7):-1
                                                       (5,9):3
(6,7):0
           (6,8): -3
                      (6,9): -1
```

1767. Inequality 1767 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):0
                      (1,6):1
                                 (1,7):1
                                           (1,8):-1
                                                      (1,9):2
(2,4):-4
           (2,5):2
                     (2,6): -2
                                 (2,7):4
                                            (2,8):2
                                                      (2,9):2
(3,4):-2
           (3,5):0
                      (3,6):2
                                (3,7):-2
                                            (3,8):3
                                                      (3,9):1
(4,7):2
           (4,8):3
                      (4,9):4
                                (5,7): -3
                                           (5,8):-2
                                                      (5,9):3
                      (6,9):0
(6,7):2
           (6,8):-1
```

1768. Inequality 1768 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                      (1,6): -1
                                 (1,7):1
                                            (1,8):1
                                                       (1,9): -2
(2,4):-4
           (2,5):1
                                 (2,7):4
                                            (2,8):3
                                                       (2,9):3
                      (2,6): -1
(3,4):-3
           (3,5):1
                      (3,6):2
                                 (3,7):-4
                                            (3,8):5
                                                       (3,9):1
(4,7):1
           (4,8):3
                      (4,9):4
                                 (5,7): -2
                                            (5,8): -3
                                                       (5,9):3
(6,7):2
           (6,8):-1
                      (6,9):1
```

1769. Inequality 1769 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):3
                      (1,6): -1
                                 (1,7):2
                                            (1,8):1
                                                       (1,9): -2
(1,4):1
(2,4):-4
                                                       (2,9):3
           (2,5):1
                      (2,6): -1
                                 (2,7):4
                                            (2,8):3
(3,4):-1
           (3,5):1
                      (3,6):2
                                 (3,7):-4
                                            (3,8):5
                                                       (3,9):-1
(4,7):2
           (4,8):3
                      (4,9):3
                                 (5,7):-4
                                            (5,8):-3
                                                       (5,9):4
(6,7):2
           (6,8): -1
                      (6,9):1
```

1770. Inequality 1770 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):3
                      (1,6):1
                                 (1,7):-1
                                            (1,8):2
                                                       (1,9): -3
(2,4):-5
           (2,5):4
                      (2,6): -2
                                 (2,7):3
                                            (2,8):4
                                                       (2,9):0
(3,4): -4
           (3,5):1
                      (3,6):3
                                 (3,7): -2
                                            (3,8):5
                                                       (3,9):3
(4,7):2
           (4,8):4
                      (4,9):5
                                 (5,7):-1
                                            (5,8):-5
                                                       (5,9):4
(6,7):1
           (6,8): -2
                      (6,9):-1
```

1771. Inequality 1771 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5): -2
                      (1,6):3
                                (1,7):-2
                                           (1,8):0
                                                      (1,9):2
(2,4):-3
           (2,5):2
                      (2,6):0
                                (2,7):3
                                           (2,8):3
                                                      (2,9):1
(3,4):-1
           (3,5):2
                                (3,7):-2
                                                      (3,9):-1
                      (3,6):2
                                           (3,8):4
(4,7):2
           (4,8):4
                                (5,7):-2
                      (4,9):3
                                           (5,8):-4
                                                      (5,9):4
(6,7):3
           (6,8): -3
                     (6,9):-1
```

1772. Inequality 1772 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):0
           (1,5):-1
                                                      (1,9):2
                      (1,6):1
                                (1,7):-1
                                           (1,8):-1
(2,4):-2
           (2,5):1
                     (2,6): -2
                                (2,7):1
                                           (2,8):2
                                                      (2,9):2
(3,4):-2
           (3,5):1
                      (3,6):2
                                (3,7):-1
                                           (3.8):3
                                                      (3,9):1
(4,7):1
           (4,8):2
                      (4,9):3
                                (5,7):-1
                                           (5,8): -2
                                                      (5,9):2
(6,7):1
           (6,8):0
                      (6,9):0
```

1773. Inequality 1773 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):1
                                                       (1,9): -2
(1,4):1
           (1,5):2
                      (1,6): -1
                                            (1,8):1
(2,4):-4
           (2,5):1
                                                       (2,9):3
                      (2,6): -3
                                 (2,7):4
                                            (2,8):1
(3,4): -2
           (3,5):1
                      (3,6):2
                                 (3,7):-2
                                            (3,8):4
                                                       (3,9):1
(4,7):2
           (4,8):3
                      (4,9):4
                                 (5,7):-2
                                            (5,8):-3
                                                       (5,9):3
(6,7):3
           (6,8): -2
                      (6,9):1
```

1774. Inequality 1774 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-3
           (1,5): -3
                      (1,6):1
                                 (1,7):2
                                            (1,8):1
                                                      (1,9):2
(2,4):-3
           (2,5):4
                      (2,6):1
                                (2,7):3
                                           (2,8):3
                                                      (2,9):0
(3,4):0
           (3,5):0
                      (3,6):2
                                (3,7):-3
                                           (3,8):3
                                                      (3,9):2
(4,7):4
           (4,8):3
                      (4,9):1
                                (5,7):-1
                                           (5,8): -3
                                                      (5,9):3
                     (6,9): -2
(6,7):1
           (6,8):-1
```

1775. Inequality 1775 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5): -2
                                 (1,7):2
                                            (1,8):2
                                                       (1,9):4
(1,4):-4
                      (1,6): -2
(2,4):-1
           (2,5):3
                      (2,6): -2
                                 (2,7):1
                                            (2,8):3
                                                       (2,9): -2
(3,4): -4
           (3,5):2
                                 (3,7):-3
                      (3,6):4
                                            (3,8):5
                                                       (3,9):4
(4,7):1
           (4,8):5
                      (4,9):5
                                 (5,7):1
                                            (5,8):-5
                                                       (5,9):5
(6,7):2
           (6,8):0
                      (6,9): -2
```

1776. Inequality 1776 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4): -\overline{2}
           (1,5):-1
                       (1,6): -2
                                   (1,7):3
                                              (1,8):-1
                                                         (1,9):3
           (2,5):5
(2,4):-5
                                   (2,7):4
                                              (2,8):5
                                                         (2,9):0
                       (2,6):1
(3,4):-3
           (3,5):-1
                       (3,6):1
                                  (3,7):-3
                                              (3,8):3
                                                         (3,9):3
(4,7):3
           (4,8):5
                       (4,9):6
                                  (5,7):-4
                                              (5,8):-4
                                                         (5,9):5
(6,7):3
           (6,8): -2
                       (6,9):1
```

1777. Inequality 1777 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):3
                      (1,6):2
                                 (1,7):-1
                                            (1,8):1
                                                       (1,9): -3
(2,4):-4
           (2,5):6
                                 (2,7):4
                                            (2,8):4
                                                       (2,9):0
                      (2,6): -2
(3,4):-5
           (3,5):0
                      (3,6):4
                                (3,7):-4
                                            (3,8):5
                                                       (3,9):2
(4,7):1
           (4,8):5
                      (4,9):5
                                (5,7): -3
                                            (5,8):-5
                                                       (5,9):5
(6,7):3
           (6,8): -2
                      (6,9):1
```

1778. Inequality 1778 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):3
                      (1,6): -2
                                 (1,7):3
                                            (1,8):1
                                                       (1,9): -2
           (2,5):2
                                 (2,7):4
                                                       (2,9):1
(2,4):-2
                      (2,6):2
                                            (2,8):3
(3,4):0
           (3,5):2
                      (3,6):2
                                 (3,7):-4
                                            (3,8):5
                                                       (3,9):-1
(4,7):3
           (4,8):2
                      (4,9):2
                                 (5,7): -3
                                            (5,8):-3
                                                       (5,9):3
           (6,8): -2
(6,7):1
                      (6,9): -1
```

1779. Inequality 1779 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):3
           (1,5):4
                      (1,6):1
                                 (1,7):0
                                            (1,8):3
                                                       (1,9): -3
(2,4):-4
           (2,5):3
                      (2,6): -1
                                 (2,7):5
                                            (2,8):4
                                                       (2,9):1
(3,4):-1
           (3,5):-1
                      (3,6):2
                                 (3,7):-5
                                            (3,8):5
                                                       (3,9):2
(4,7):4
           (4,8):2
                      (4,9):4
                                (5,7):-4
                                           (5,8):-5
                                                       (5,9):3
(6,7):2
           (6,8): -1
                      (6,9):-1
```

1780. Inequality 1780 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-3
           (1,5): -3
                      (1,6):1
                                 (1,7):2
                                            (1,8): -1
                                                       (1,9):4
(2,4):-3
           (2,5):4
                                                      (2,9):-1
                      (2,6):1
                                 (2,7):3
                                            (2,8):4
(3,4):0
           (3,5):0
                                (3,7):-3
                                                       (3,9):2
                      (3,6):2
                                            (3,8):3
(4,7):5
           (4,8):2
                      (4,9):3
                                (5,7):-1
                                           (5,8):-4
                                                       (5,9):4
(6,7):2
           (6,8): -2
                      (6,9): -2
```

1781. Inequality 1781 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):1
           (1,5):2
                                (1,7):1
                                          (1,8):-1
                                                     (1,9):-3
(1,4):2
(2,4):-5
           (2,5):4
                     (2,6):1
                                (2,7):4
                                           (2,8):4
                                                      (2,9):0
(3,4):0
                               (3,7):-4
                                                     (3,9):-2
          (3,5): -2
                     (3,6):4
                                           (3,8):4
(4,7):3
           (4,8):5
                     (4,9):5
                               (5,7): -6
                                          (5,8): -1
                                                      (5,9):5
(6,7):2
           (6,8): -3
                     (6,9):3
```

1782. Inequality 1782 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):1
                                (1,7):1
                                          (1,8):-1
                                                     (1,9):-3
(1,4):2
           (1,5):2
(2,4):-5
                                (2,7):4
                                          (2,8):4
                                                     (2,9):1
           (2,5):3
                     (2,6):1
(3,4):0
          (3,5):-1
                     (3,6):4
                               (3,7):-4
                                          (3,8):4
                                                     (3,9):-3
(4,7):3
           (4,8):5
                     (4,9):5
                                          (5,8):-1
                                                     (5,9):5
                               (5,7): -6
(6,7):2
                     (6,9):3
          (6,8): -3
```

1783. Inequality 1783 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):2
                      (1,6):2
                                (1,7):1
                                           (1,8):0
                                                      (1,9): -3
                                                      (2,9):1
                     (2,6):2
(2,4):-4
           (2,5):1
                                (2,7):3
                                           (2,8):3
(3,4):0
           (3,5): -2
                     (3,6):3
                                (3,7): -3
                                           (3,8):3
                                                      (3,9):-1
(4,7):2
                                                      (5,9):2
           (4,8):3
                      (4,9):3
                                (5,7): -2
                                           (5,8):-1
                     (6,9):2
(6,7):-1
           (6,8): -2
```

1784. Inequality 1784 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):4
                                 (1,7):0
                                                       (1,9):-3
(1,4):3
                      (1,6):2
                                            (1,8):2
(2,4):-5
           (2,5):2
                      (2,6):1
                                 (2,7):4
                                            (2,8):4
                                                       (2,9):2
(3,4): -1
           (3,5): -2
                                 (3,7):-5
                                                       (3,9):2
                      (3,6):2
                                            (3,8):4
(4,7):4
           (4,8):3
                      (4,9):4
                                 (5,7):-4
                                            (5,8):-4
                                                       (5,9):4
(6,7):1
           (6,8): -1
                      (6,9): -1
```

1785. Inequality 1785 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4): \overline{2}
            (1,5):2
                       (1,6):2
                                  (1,7):0
                                             (1,8):-1
                                                        (1,9):-3
(2,4):-4
            (2,5):4
                       (2,6):1
                                  (2,7):4
                                             (2,8):4
                                                        (2,9):-1
(3,4):-2
           (3,5): -2
                       (3,6):4
                                 (3,7):-4
                                             (3,8):4
                                                         (3,9):0
(4,7):2
           (4,8):5
                       (4,9):3
                                 (5,7): -5
                                             (5,8):-1
                                                         (5,9):4
(6,7):3
           (6,8): -3
                      (6,9):3
```

1786. Inequality 1786 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):3
                      (1,6):2
                                (1,7):1
                                           (1,8):-1
                                                      (1,9): -3
(2,4):-5
           (2,5):5
                      (2,6):1
                                (2,7):5
                                           (2,8):5
                                                      (2,9):-1
(3,4):-2
           (3,5): -3
                      (3,6):5
                                (3,7):-5
                                           (3,8):5
                                                      (3,9):0
(4,7):3
           (4,8):6
                     (4,9):4
                                (5,7): -7
                                           (5,8):-1
                                                      (5,9):5
(6,7):3
           (6,8):-4
                      (6,9):3
```

1787. Inequality 1787 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):3
                     (1,6):3
                                (1,7):0
                                          (1,8):2
                                                     (1,9):-3
(2,4):-3
                                (2,7):3
                                                     (2,9):1
           (2,5):1
                     (2,6):1
                                          (2,8):3
(3,4):-1
          (3,5):-1
                     (3,6):1
                               (3,7):-3
                                          (3,8):3
                                                     (3,9):1
(4,7):2
           (4,8):3
                     (4,9):2
                               (5,7):-4
                                          (5,8):-2
                                                     (5,9):3
(6,7):2
          (6,8): -3
                     (6,9):2
```

1788. Inequality 1788 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):3
                      (1,6):2
                                (1,7):-1
                                            (1,8):1
                                                      (1,9): -2
(2,4):-3
           (2,5):3
                      (2,6):1
                                (2,7):3
                                            (2,8):3
                                                      (2,9): -1
(3,4):-1
           (3,5): -3
                      (3,6):4
                                (3,7): -3
                                            (3,8):3
                                                       (3,9):0
(4,7):2
                                           (5,8):-2
                                                       (5,9):3
           (4,8):3
                      (4,9):2
                                (5,7): -2
                      (6,9):2
(6,7):1
           (6,8): -2
```

1789. Inequality 1789 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):3
                      (1,6):2
                                (1,7):1
                                           (1,8): -1
                                                      (1,9): -2
(2,4):-4
           (2,5):4
                                (2,7):4
                     (2,6):1
                                           (2,8):4
                                                      (2,9):-1
(3,4):-1
           (3,5): -3
                                (3,7):-4
                                                      (3,9):0
                     (3,6):4
                                           (3,8):4
(4,7):3
           (4,8):4
                      (4,9):3
                                                      (5,9):4
                                (5,7): -6
                                           (5,8):0
(6,7):2
           (6,8): -3
                      (6,9):2
```

1790. Inequality 1790 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):3
                     (1,6):3
                               (1,7):-1
                                           (1,8):1
                                                     (1,9): -2
(2,4):-5
           (2,5):3
                     (2,6):1
                                (2,7):4
                                           (2,8):4
                                                     (2,9):1
                               (3,7):-4
                                                     (3,9):0
(3,4):-1
           (3,5): -3
                     (3,6):4
                                          (3,8):4
(4,7):3
           (4,8):4
                     (4,9):3
                               (5,7): -5
                                          (5,8):-1
                                                     (5,9):3
(6,7):3
           (6,8):-4
                     (6,9):1
```

1791. Inequality 1791 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):5
                     (1,6):2
                                (1,7):3
                                                     (1,9): -4
(1,4):3
                                           (1,8):1
(2,4): -6
          (2,5):2
                                (2,7):5
                                                      (2,9):3
                     (2,6):1
                                           (2,8):5
                     (3,6): -2
(3,4):0
          (3,5):2
                                (3,7):-5
                                           (3,8):7
                                                     (3,9): -2
(4,7):3
          (4,8):5
                     (4,9):5
                                (5,7):-5
                                          (5,8):-5
                                                      (5,9):5
(6,7):-1
          (6,8):1
                     (6,9):-1
```

1792. Inequality 1792 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):5
                      (1,6):2
                                 (1,7):1
                                            (1,8):2
                                                       (1,9): -2
(2,4):-4
           (2,5):5
                      (2,6): -2
                                 (2,7):6
                                            (2,8):6
                                                        (2,9):1
(3,4): -2
           (3,5): -2
                      (3,6):3
                                 (3,7): -6
                                            (3,8):6
                                                        (3,9):1
                                 (5,7): -6
(4,7):2
           (4,8):4
                      (4,9):2
                                            (5,8):-5
                                                        (5,9):3
(6,7):3
           (6,8): -1
                      (6,9):1
```

1793. Inequality 1793 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):-1
                                                       (1,9):-1
(1,4):1
           (1,5):2
                      (1,6):2
                                            (1,8):1
(2,4):-3
                                 (2,7):2
                                            (2,8):3
           (2,5):1
                      (2,6):1
                                                       (2,9):2
(3,4):0
           (3,5): -2
                                 (3,7):-3
                      (3,6):2
                                            (3,8):2
                                                       (3,9):1
(4,7):2
           (4,8):2
                      (4,9):2
                                 (5,7): -2
                                            (5,8): -2
                                                       (5,9):3
(6,7):2
           (6,8): -2
                      (6,9): -1
```

1794. Inequality 1794 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):3
           (1,5):3
                      (1,6):1
                                 (1,7):2
                                            (1,8): -2
                                                       (1,9):-5
(2,4):-4
           (2,5):6
                      (2,6): -1
                                 (2,7):5
                                                       (2,9):-1
                                            (2,8):5
(3,4):-1
           (3,5):2
                      (3,6):3
                                 (3,7):-4
                                            (3,8):4
                                                       (3,9): -4
(4,7):1
           (4,8):5
                      (4,9):4
                                 (5,7):-4
                                            (5,8):-3
                                                       (5,9):6
(6,7):2
                      (6,9):2
           (6,8): -1
```

1795. Inequality 1795 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):3
                      (1,6):1
                                 (1,7):2
                                            (1,8): -2
                                                       (1,9): -3
(2,4):-3
           (2,5):5
                                 (2,7):4
                                            (2,8):4
                                                       (2,9):-1
                      (2,6): -1
(3,4):-1
           (3,5):0
                      (3,6):3
                                 (3,7): -3
                                            (3,8):3
                                                       (3,9): -2
(4,7):2
           (4,8):4
                      (4,9):3
                                 (5,7):-5
                                            (5,8): -2
                                                       (5,9):5
           (6,8):-1
                      (6,9):2
(6,7):2
```

1796. Inequality 1796 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):2
                      (1,6):1
                                  (1,7):1
                                            (1,8):-1
                                                       (1,9): -2
(1,4):1
(2,4):-2
                                            (2,8):2
                                                       (2,9):-2
           (2,5):4
                      (2,6): -2
                                 (2,7):4
(3,4):-1
           (3,5):1
                      (3,6):2
                                 (3,7):-2
                                            (3,8):3
                                                       (3,9):-1
(4,7):2
           (4,8):3
                      (4,9):3
                                 (5,7): -3
                                            (5,8): -2
                                                       (5,9):4
(6,7):2
           (6,8): -1
                      (6,9):0
```

1797. Inequality 1797 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                      (1,6):1
                                  (1,7):1
                                                        (1,9): -2
                                             (1,8):-1
(2,4): -2
           (2,5):4
                      (2,6): -1
                                  (2,7):3
                                             (2,8):3
                                                        (2,9):-1
(3,4):-1
           (3,5):0
                      (3,6):3
                                 (3,7): -3
                                             (3,8):3
                                                        (3,9): -2
(4,7):1
           (4,8):4
                      (4,9):3
                                 (5,7):-4
                                            (5,8): -2
                                                        (5,9):4
           (6,8): -1
                      (6,9):2
(6,7):2
```

1798. Inequality 1798 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4): -2
           (1,5):1
                      (1,6):6
                                 (1,7): -3
                                            (1,8):4
                                                       (1,9): -4
(2,4):-4
           (2,5):5
                      (2,6): -1
                                 (2,7):5
                                            (2,8):4
                                                       (2,9):-1
(3,4):-4
           (3,5):-4
                                 (3,7):0
                                                       (3,9):6
                      (3,6): -2
                                            (3,8):4
                      (4,9):2
(4,7):2
           (4,8):6
                                                       (5,9):6
                                 (5,7):-5
                                            (5,8):-1
(6,7):5
           (6,8): -3
                      (6,9):5
```

1799. Inequality 1799 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):1
           (1,5):5
                                 (1,7):0
                                            (1,8):4
                                                       (1,9):-4
(1,4):4
(2,4):-5
           (2,5):4
                      (2,6): -1
                                 (2,7):6
                                            (2,8):4
                                                       (2,9):2
                                 (3,7):-5
                                                       (3,9):3
(3,4): -2
           (3,5):-1
                      (3,6):3
                                            (3.8):6
(4,7):4
           (4,8):2
                      (4,9):5
                                 (5,7):-5
                                           (5,8): -6
                                                       (5,9):3
           (6,8): -2
(6,7):2
                      (6,9):-1
```

1800. Inequality 1800 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):3
(1,4): -4
           (1,5): -2
                      (1,6): -1
                                            (1,8):1
                                                       (1,9):3
(2,4):-2
                                                       (2,9):-4
           (2,5):5
                      (2,6): -2
                                 (2,7):5
                                            (2,8):4
                      (3,6):3
(3,4):-1
           (3,5):2
                                 (3,7):-5
                                            (3,8):6
                                                       (3,9):1
(4,7):5
           (4,8):4
                      (4,9):4
                                 (5,7):-1
                                                       (5,9):4
                                            (5,8):-4
(6,7):3
           (6,8): -1
                      (6,9): -2
```

1801. Inequality 1801 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):4
                      (1,6): -3
                                 (1,7):3
                                            (1,8):1
                                                       (1,9): -5
(2,4):-4
           (2,5):3
                      (2,6):1
                                 (2,7):4
                                            (2,8):4
                                                       (2,9):2
(3,4):1
           (3,5):3
                      (3,6):3
                                (3,7):-4
                                            (3,8):5
                                                       (3,9): -2
(4,7):2
                                (5,7):-3
           (4,8):3
                      (4,9):4
                                            (5,8):-4
                                                       (5,9):3
                      (6,9): -2
(6,7):2
           (6,8): -1
```

1802. Inequality 1802 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):4
                                (1,7):2
           (1,5):4
                      (1,6):2
                                           (1,8):0
                                                      (1,9): -4
(2,4): -6
           (2,5):4
                      (2,6):1
                                (2,7):5
                                           (2,8):5
                                                      (2,9):1
(3,4):-1
                                (3,7):-5
                                                      (3,9):-2
           (3,5): -2
                      (3,6):5
                                           (3,8):5
                                           (5,8): -2
(4,7):2
           (4,8):5
                      (4,9):4
                                (5,7): -6
                                                      (5,9):2
(6,7):2
           (6,8): -3
                      (6,9):3
```

1803. Inequality 1803 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):5
           (1,5):3
                     (1,6):3
                                (1,7):-2
                                           (1,8):2
                                                     (1,9):-5
(2,4):-7
                     (2,6):3
                                (2,7):5
                                           (2,8):5
                                                     (2,9):-1
           (2,5):5
(3,4):-3
          (3,5): -8
                     (3,6):6
                                (3,7): -6
                                           (3,8):7
                                                     (3,9):4
(4,7):6
          (4,8):5
                     (4,9):6
                                (5,7): -6
                                          (5,8):0
                                                     (5,9):6
(6,7):3
                     (6,9):2
          (6,8): -5
```

1804. Inequality 1804 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):4
            (1,5):5
                       (1,6):5
                                  (1,7):1
                                             (1,8):1
                                                       (1,9): -6
                                             (2,8):7
                                                        (2,9):0
(2,4):-10
            (2,5):7
                       (2,6):3
                                  (2,7):7
(3,4): -2
            (3,5): -9
                       (3,6):9
                                 (3,7):-7
                                             (3,8):9
                                                        (3,9):0
(4,7):6
            (4,8):8
                       (4,9):6
                                 (5,7): -10
                                             (5,8):1
                                                        (5,9):6
            (6,8): -8
                       (6,9):6
(6,7):3
```

1805. Inequality 1805 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4): -6
           (1,5): -4
                      (1,6): -1
                                  (1,7):5
                                             (1,8):1
                                                        (1,9):5
           (2,5):5
                                                        (2,9):-3
(2,4):-4
                      (2,6):1
                                  (2,7):4
                                             (2,8):7
(3,4):-1
           (3,5): -1
                      (3,6):3
                                 (3,7): -6
                                             (3,8):6
                                                        (3,9):3
(4,7):6
           (4,8):6
                      (4,9):3
                                 (5,7):-1
                                            (5,8):-4
                                                        (5,9):5
(6,7):2
           (6,8): -2
                      (6,9): -1
```

1806. Inequality 1806 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
          (1,5): -3
                                (1,7):1
                                           (1,8):1
                                                     (1,9):-3
                     (1,6):2
(2,4):2
          (2,5):5
                     (2,6):2
                                (2,7):-4
                                           (2,8):3
                                                      (2,9):2
(3,4):2
          (3,5):0
                     (3,6): -3
                                (3,7):4
                                           (3,8):3
                                                      (3,9):2
(4,7):0
                     (4,9):2
                                                     (5,9):-4
          (4,8): -4
                                (5,7):4
                                          (5,8): -2
(6,7):3
          (6,8):1
                     (6,9):1
```

1807. Inequality 1807 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):1
                      (1,6):4
                                 (1,7): -2
                                             (1,8):3
                                                       (1,9): -3
(2,4):-2
           (2,5):4
                      (2,6): -2
                                 (2,7):4
                                            (2,8):3
                                                       (2,9):-1
(3,4):-2
           (3,5): -3
                                 (3,7):-1
                                                       (3,9):4
                      (3,6): -1
                                            (3,8):3
(4,7):1
           (4,8):3
                                 (5,7): -3
                                                        (5,9):4
                      (4,9):1
                                            (5,8):-1
(6,7):3
           (6,8): -1
                      (6,9):3
```

1808. Inequality 1808 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):1
                      (1,6):5
                                 (1,7):-3
                                            (1,8):5
                                                       (1,9):-5
(2,4):-5
           (2,5):6
                      (2,6): -1
                                 (2,7):6
                                            (2,8):5
                                                       (2,9):-1
                                 (3,7):-2
                                                       (3,9):7
(3,4):-5
           (3,5): -5
                      (3,6):0
                                            (3,8):5
(4,7):3
           (4,8):8
                      (4,9):4
                                 (5,7): -6
                                            (5,8): -1
                                                       (5,9):7
           (6,8):-4
(6,7):4
                      (6,9):4
```

1809. Inequality 1809 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):-4
                                                      (1,9):0
(1,4):4
           (1,5):4
                      (1,6):4
                                           (1,8):0
(2,4):0
           (2,5): -3
                                (2,7):2
                                           (2,8):2
                                                      (2,9):2
                      (2,6):1
(3,4):-4
          (3,5): -2
                      (3,6):4
                                (3,7):-2
                                           (3,8):6
                                                     (3,9): -2
(4,7):3
           (4,8):4
                     (4,9):-7
                                                      (5,9):6
                                 (5,7):4
                                           (5,8):5
(6,7):3
                      (6,9):1
           (6,8): -5
```

1810. Inequality 1810 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):3
                      (1,6): -2
                                 (1,7):1
                                            (1,8):2
                                                       (1,9): -4
(2,4): -6
           (2,5):1
                      (2,6): -3
                                 (2,7):5
                                            (2,8):3
                                                       (2,9):4
(3,4):-3
           (3,5):2
                      (3,6):3
                                 (3,7):-3
                                            (3,8):6
                                                       (3,9):1
(4,7):2
                                 (5,7):-2
           (4,8):4
                      (4,9):5
                                            (5,8):-4
                                                       (5,9):4
(6,7):3
           (6,8): -1
                      (6,9):0
```

1811. Inequality 1811 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):2
(1,4):2
           (1,5):4
                      (1,6): -2
                                            (1,8):2
                                                       (1,9): -4
                                            (2,8):2
(2,4): -6
           (2,5):0
                      (2,6): -4
                                 (2,7):5
                                                       (2,9):5
(3,4):-3
                                 (3,7):-3
           (3,5):2
                      (3,6):3
                                            (3,8):6
                                                       (3,9):1
(4,7):2
           (4,8):4
                      (4,9):5
                                 (5,7):-2
                                            (5,8):-4
                                                       (5,9):4
(6,7):4
           (6,8): -2
                      (6,9):1
```

1812. Inequality 1812 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
          (1,5):3
                     (1,6): -2
                                (1,7):1
                                           (1,8):-1
                                                      (1,9):-3
(2,4):5
          (2,5):0
                                (2,7):-4
                                           (2,8):1
                                                      (2,9):-4
                     (2,6):4
(3,4):2
          (3,5): -1
                     (3,6): -2
                                (3,7):2
                                           (3,8):4
                                                      (3,9):-1
(4,7):2
          (4,8): -3
                     (4,9):4
                                (5,7): -2
                                           (5,8):3
                                                      (5,9):3
(6,7):3
          (6,8):2
                     (6,9):1
```

1813. Inequality 1813 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):3
                      (1,6): -2
                                 (1,7):1
                                            (1,8):2
                                                       (1,9): -4
(2,4):4
           (2,5):2
                                 (2,7):-1
                                            (2,8):-1
                                                       (2,9):-3
                      (2,6):3
(3,4):-3
           (3,5):0
                      (3,6):3
                                 (3,7):-1
                                            (3,8):4
                                                       (3,9):3
                                            (5,8): -2
(4,7):3
           (4,8):2
                      (4,9):6
                                 (5,7): -3
                                                       (5,9):4
           (6,8):-1
                      (6,9): -2
(6,7):1
```

1814. Inequality 1814 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,9): -3
(1,4):3
           (1,5):3
                      (1,6):2
                                (1,7):1
                                           (1,8):0
(2,4):-5
                                (2,7):4
                                                      (2,9):1
           (2,5):3
                      (2,6):1
                                           (2,8):4
(3,4):-1
           (3,5): -2
                     (3,6):4
                                (3,7):-4
                                           (3,8):4
                                                      (3,9):-1
(4,7):2
           (4,8):4
                      (4,9):3
                                (5,7): -5
                                           (5,8):-1
                                                      (5,9):2
(6,7):2
           (6,8): -3
                     (6,9):2
```

1815. Inequality 1815 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):4
           (1,5):4
                                (1,7):2
                                           (1,8):0
                                                      (1,9):-5
                      (1,6):3
(2,4): -6
           (2,5):4
                      (2,6):1
                                (2,7):5
                                           (2,8):5
                                                      (2,9):1
(3,4):-1
           (3,5): -3
                      (3,6):6
                                (3,7):-5
                                           (3,8):5
                                                      (3,9): -2
(4,7):2
                                                      (5,9):2
           (4,8):5
                      (4,9):4
                                (5,7): -6
                                           (5,8):-1
(6,7):2
           (6,8):-4
                     (6,9):4
```

1816. Inequality 1816 with incidence 28 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):2
           (1,5):3
                      (1,6):2
                                 (1,7):1
                                            (1,8): -1
                                                       (1,9): -3
(2,4):-3
           (2,5):4
                                                       (2,9):-1
                      (2,6): -1
                                 (2,7):4
                                            (2,8):3
(3,4): -2
           (3,5):-1
                                 (3,7):-3
                                                       (3,9):-1
                      (3,6):4
                                            (3,8):3
                      (4,9):2
(4,7):1
                                 (5,7):-4
           (4,8):4
                                            (5,8):-1
                                                       (5,9):3
(6,7):3
           (6,8): -2
                      (6,9):2
```

1817. Inequality 1817 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):2
                      (1,6):2
                                 (1,7):1
                                            (1,8):2
                                                       (1,9): -2
(1,4):-1
(2,4):-2
           (2,5):0
                      (2,6): -1
                                 (2,7):2
                                            (2,8):2
                                                       (2,9):1
                                 (3,7):-3
(3,4):0
           (3,5): -2
                      (3,6):2
                                            (3,8):2
                                                       (3,9):1
(4,7):2
           (4,8):2
                      (4,9):1
                                (5,7):-1
                                           (5,8): -1
                                                       (5,9):2
(6,7):1
           (6,8):-1
                      (6,9):1
```

1818. Inequality 1818 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):1
                                           (1,8):1
                                                     (1,9): -5
(1,4):3
           (1,5):4
                     (1,6):4
                                           (2,8):6
                                                     (2,9):0
(2,4): -8
           (2,5):6
                     (2,6):2
                                (2,7):6
                     (3,6):7
(3,4): -2
                                (3,7): -6
                                           (3,8):8
                                                     (3,9):1
           (3,5): -8
(4,7):5
                     (4,9):5
                                (5,7):-9
                                           (5,8):1
                                                     (5,9):6
           (4,8):7
                     (6,9):5
(6,7):3
           (6,8): -7
```

1819. Inequality 1819 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):3
           (1,5):4
                     (1,6):4
                                (1,7):1
                                          (1,8):1
                                                    (1,9):-5
(2,4): -8
           (2,5):5
                     (2,6):2
                                (2,7):5
                                          (2,8):5
                                                     (2,9):1
(3,4): -2
          (3,5): -7
                     (3,6):7
                               (3,7):-5
                                          (3,8):7
                                                     (3,9):0
                               (5,7):-7
(4,7):4
          (4,8):6
                     (4,9):5
                                          (5,8):1
                                                     (5,9):4
(6,7):2
          (6,8): -6
                     (6,9):5
```

1820. Inequality 1820 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):1
                                                     (1,9):-4
(1,4):2
           (1,5):3
                     (1,6):3
                                          (1,8):1
           (2,5):4
                                                     (2,9):1
(2,4): -6
                     (2,6):1
                                (2,7):3
                                          (2,8):3
                                (3,7):-3
                                                     (3,9):0
(3,4): -2
          (3,5): -5
                     (3,6):5
                                          (3,8):5
(4,7):2
           (4,8):4
                     (4,9):4
                                (5,7):-4
                                          (5,8):1
                                                     (5,9):3
(6,7):1
          (6,8):-4
                     (6,9):4
```

1821. Inequality 1821 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):2
                      (1,6):5
                                 (1,7):-3
                                             (1,8):4
                                                        (1,9):-5
                                                       (2,9):-1
(2,4):-2
           (2,5):6
                      (2,6): -4
                                 (2,7):6
                                             (2,8):5
(3,4): -2
           (3,5): -4
                      (3,6): -1
                                 (3,7): -2
                                             (3,8):4
                                                        (3,9):5
(4,7):1
           (4,8):3
                      (4,9):1
                                 (5,7):-4
                                            (5,8): -2
                                                        (5,9):6
(6,7):4
           (6,8):0
                      (6,9):4
```

1822. Inequality 1822 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4): -2
            (1,5):4
                       (1,6):9
                                  (1,7):-4
                                              (1,8):7
                                                         (1,9): -8
                                  (2,7):9
                                             (2,8):7
                                                        (2,9):-2
(2,4):-4
           (2,5):10
                       (2,6): -6
(3,4): -4
           (3,5): -7
                       (3,6): -1
                                  (3,7): -3
                                             (3,8):7
                                                         (3,9):8
                                             (5,8):-3
(4,7):2
           (4,8):6
                       (4,9):2
                                  (5,7): -6
                                                        (5,9):10
           (6,8): -2
                       (6,9):6
(6,7):6
```

1823. Inequality 1823 with incidence 28 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,5):2
                       (1,6):2
                                  (1,7):0
                                             (1,8): -2
                                                        (1,9): -4
(1,4):2
(2,4):5
                                             (2,8):2
                                                        (2,9):-3
           (2,5): -1
                      (2,6): -3
                                  (2,7):4
           (3,5): -1
(3,4):3
                      (3,6):3
                                 (3,7):-2
                                             (3,8):5
                                                        (3,9): -2
(4,7): -2
           (4,8): -3
                       (4,9):5
                                  (5,7):2
                                             (5,8):3
                                                        (5,9):3
(6,7):2
           (6,8): -1
                       (6,9):1
```

1824. Inequality 1824 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):3
                      (1,6):2
                                 (1,7):1
                                                       (1,9): -3
                                            (1,8):-1
(2,4): -2
           (2,5):4
                      (2,6): -1
                                 (2,7):3
                                            (2,8):3
                                                       (2,9):-1
(3,4):0
           (3,5):-1
                      (3,6):2
                                 (3,7): -3
                                            (3,8):3
                                                       (3,9):-1
                      (4,9):2
(4,7):2
           (4,8):4
                                 (5,7):-4
                                            (5,8):-1
                                                       (5,9):3
           (6,8): -2
                      (6,9):2
(6,7):1
```

1825. Inequality 1825 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-3
           (1,5):3
                      (1,6):3
                                 (1,7):2
                                            (1,8):4
                                                      (1,9): -3
(2,4):-4
           (2,5): -1
                     (2,6): -2
                                 (2,7):4
                                            (2,8):3
                                                      (2,9):2
                                (3,7):-5
(3,4):0
          (3,5):-3
                                                       (3,9):2
                      (3,6):3
                                            (3,8):3
(4,7):4
           (4,8):4
                      (4,9):1
                                (5,7):-1
                                           (5,8):-1
                                                       (5,9):3
(6,7):2
           (6,8): -1
                      (6,9):1
```

1826. Inequality 1826 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):3
                                (1,7):1
                                                    (1,9):-4
(1,4):2
           (1,5):3
                                          (1,8):1
(2,4):-7
           (2,5):6
                     (2,6):2
                                (2,7):6
                                          (2,8):6
                                                    (2,9):-1
                               (3,7):-6
                                                    (3,9):2
(3,4): -2
          (3,5): -8
                     (3,6):6
                                          (3,8):8
(4,7):5
          (4,8):7
                     (4,9):5
                               (5,7):-9
                                          (5,8):1
                                                    (5,9):7
(6,7):3
          (6,8):-7
                     (6,9):5
```

1827. Inequality 1827 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):1
                                                     (1,9): -4
(1,4):2
           (1,5):3
                     (1,6):3
                                           (1,8):1
                                                     (2,9):1
(2,4): -6
           (2,5):4
                     (2,6):1
                                (2,7):4
                                           (2,8):4
                     (3,6):5
(3,4): -2
           (3,5): -6
                                (3,7):-4
                                           (3,8):6
                                                     (3,9):1
(4,7):3
                     (4,9):4
                                                     (5,9):4
           (4,8):5
                                (5,7): -6
                                           (5,8):1
(6,7):2
                     (6,9):4
           (6,8): -5
```

1828. Inequality 1828 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                     (1,6):2
                                (1,7):1
                                          (1,8):1
                                                     (1,9): -3
                                                     (2,9):0
(2,4):-4
           (2,5):3
                     (2,6):1
                                (2,7):3
                                          (2,8):3
(3,4):-1
          (3,5): -5
                     (3,6):4
                               (3,7):-4
                                          (3,8):5
                                                     (3,9):1
           (4,8):4
                               (5,7):-5
                                          (5,8):1
(4,7):3
                     (4,9):3
                                                     (5,9):4
(6,7):2
          (6,8): -4
                     (6,9):3
```

1829. Inequality 1829 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):1
                                                     (1,9):-3
(1,4):2
           (1,5):3
                     (1,6):2
                                           (1,8):1
           (2,5):4
                                          (2,8):2
(2,4):-5
                     (2,6):1
                                (2,7):2
                                                     (2,9):0
                                (3,7):-2
                                          (3,8):4
                                                     (3,9):0
(3,4): -2
          (3,5): -4
                     (3,6):4
(4,7):1
           (4,8):3
                     (4,9):3
                                (5,7): -3
                                          (5,8):1
                                                     (5,9):3
          (6,8): -3
(6,7):1
                     (6,9):3
```

1830. Inequality 1830 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-4
           (1,5): -2
                      (1,6): -2
                                  (1,7):3
                                             (1,8):1
                                                        (1,9):4
(2,4):-1
                      (2,6): -1
                                 (2,7):3
                                             (2,8):3
                                                       (2,9): -2
           (2,5):4
(3,4):-3
           (3,5):2
                      (3,6):1
                                 (3,7): -3
                                             (3,8):4
                                                        (3,9):1
(4,7):1
           (4,8):4
                      (4,9):3
                                 (5,7):0
                                            (5,8): -3
                                                        (5,9):3
(6,7):2
           (6,8): -1
                      (6,9):1
```

1831. Inequality 1831 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-3
           (1,5): -1
                      (1,6): -2
                                  (1,7):2
                                             (1,8):1
                                                        (1,9):3
(2,4):-1
           (2,5):3
                                  (2,7):2
                                             (2,8):2
                                                        (2,9):-1
                      (2,6): -1
(3,4): -2
           (3,5):1
                       (3,6):3
                                 (3,7): -2
                                             (3,8):3
                                                        (3,9):-1
(4,7):1
           (4,8):4
                       (4,9):3
                                 (5,7): -3
                                             (5,8): -2
                                                        (5,9):4
(6,7):4
           (6,8): -2
                       (6,9):2
```

1832. Inequality 1832 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):1
                      (1,6):6
                                 (1,7):4
                                            (1,8):-4
                                                       (1,9): -5
(1,4):2
(2,4):-2
           (2,5): -6
                                 (2,7):7
                      (2,6):5
                                            (2,8):5
                                                       (2,9):1
(3,4): -3
           (3,5):5
                      (3,6):2
                                 (3,7):-2
                                            (3,8):4
                                                       (3,9): -6
(4,7):1
           (4,8):3
                      (4,9):-1
                                 (5,7):5
                                            (5,8):1
                                                       (5,9):6
(6,7):-5
           (6,8): -1
                      (6,9):5
```

1833. Inequality 1833 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-2
           (1,5):1
                      (1,6):6
                                (1,7):4
                                           (1,8): -4
                                                      (1,9):-5
(2,4):5
           (2,5): -5
                      (2,6):2
                                (2,7):7
                                           (2,8):5
                                                      (2,9):0
(3,4):5
           (3,5):5
                      (3,6):2
                                (3,7):-2
                                           (3,8):4
                                                      (3,9): -8
(4,7):-1
                                                      (5,9):6
           (4,8): -6
                      (4,9):3
                                (5,7):6
                                           (5,8):1
(6,7): -6
           (6,8):2
                      (6,9):6
```

1834. Inequality 1834 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):5
                      (1,6):1
                                 (1,7):2
                                            (1,8):3
                                                      (1,9): -3
(2,4):-5
           (2,5):4
                      (2,6): -1
                                 (2,7):5
                                            (2,8):4
                                                       (2,9):1
(3,4):-2
           (3,5): -5
                                (3,7):-4
                      (3,6):3
                                            (3,8):5
                                                       (3,9):3
(4,7):2
                                           (5,8):-2
                                (5,7):-7
           (4,8):4
                      (4,9):3
                                                       (5,9):5
(6,7):4
           (6,8): -4
                      (6,9):3
```

1835. Inequality 1835 with incidence 28 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,5):4
                      (1,6):2
                                (1,7):2
                                           (1,8): -1
                                                      (1,9):-5
(1,4):4
(2,4):-5
           (2,5):4
                      (2,6):1
                                (2,7):4
                                           (2,8):5
                                                      (2,9):1
                                (3,7):-4
                                                      (3,9):-2
(3,4):-1
           (3,5): -2
                     (3,6):5
                                           (3,8):4
(4,7):1
           (4,8):5
                     (4,9):4
                                (5,7): -6
                                          (5,8): -1
                                                      (5,9):3
(6,7):3
           (6,8):-4
                      (6,9):3
```

1836. Inequality 1836 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):3
                                (1,7):2
                                                      (1,9):-7
(1,4):5
           (1,5):5
                                           (1,8): -2
(2,4): -6
                                (2,7):5
                                                      (2,9):1
           (2,5):5
                      (2,6):1
                                           (2,8):6
(3,4):-1
           (3,5): -3
                                (3,7):-5
                                           (3,8):6
                                                      (3,9):-4
                     (3,6):7
(4,7):1
           (4,8):6
                     (4,9):5
                                           (5,8):0
                                                      (5,9):3
                                (5,7): -6
(6,7):3
                     (6,9):4
           (6,8):-4
```

1837. Inequality 1837 with incidence 28 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):6
           (1,5):6
                      (1,6):2
                                 (1,7):4
                                           (1,8): -2
                                                      (1,9): -8
(2,4): -7
           (2,5):6
                      (2,6):1
                                (2,7):6
                                            (2,8):7
                                                       (2,9):1
(3,4):-1
           (3,5): -2
                      (3,6):7
                                (3,7):-5
                                           (3,8):5
                                                      (3,9): -4
(4,7):1
           (4,8):7
                      (4,9):6
                                (5,7): -8
                                           (5,8): -2
                                                       (5,9):4
(6,7):4
           (6,8):-5
                      (6,9):5
```

1838. Inequality 1838 with incidence 28 and stabilizer of size 6. Orbit size is 55296 nature: unknown

```
(1,7):3
(1,4):5
           (1,5):5
                      (1,6):3
                                           (1,8):-1
                                                      (1,9):-7
(2,4): -6
           (2,5):5
                      (2,6):1
                                (2,7):5
                                           (2,8):6
                                                      (2,9):1
(3,4):-1
                                (3,7):-5
                                                      (3,9):-3
           (3,5): -3
                     (3,6):7
                                           (3,8):5
(4,7):1
           (4,8):6
                      (4,9):5
                                (5,7): -7
                                           (5,8):-1
                                                      (5,9):3
(6,7):3
           (6,8):-5
                      (6,9):5
```

1839. Inequality 1839 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4): \overline{3}
            (1,5):3
                       (1,6):2
                                  (1,7):1
                                             (1,8):-1
                                                         (1,9):-4
                                             (2,8):4
(2,4):-4
            (2,5):3
                       (2,6):1
                                  (2,7):3
                                                         (2,9):1
(3,4):-1
           (3,5): -2
                       (3,6):4
                                  (3,7): -3
                                             (3,8):4
                                                         (3,9): -2
(4,7):1
            (4,8):4
                       (4,9):3
                                  (5,7):-4
                                             (5,8):0
                                                         (5,9):2
(6,7):2
                       (6,9):2
           (6,8): -3
```

1840. Inequality 1840 with incidence 28 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):4
           (1,5):3
                      (1,6):2
                                (1,7):2
                                           (1,8):-1
                                                      (1,9): -4
(2,4):-5
           (2,5):3
                      (2,6):2
                                (2,7):3
                                           (2,8):5
                                                      (2,9):2
(3,4):-1
           (3,5): -2
                      (3,6):4
                                (3,7): -3
                                           (3,8):4
                                                      (3,9): -2
(4,7):1
           (4,8):5
                     (4,9):4
                                (5,7):-5
                                           (5,8):-1
                                                      (5,9):2
                     (6,9):2
(6,7):2
           (6,8):-4
```

1841. Inequality 1841 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):5
(1,4):6
           (1,5):6
                                 (1,7):4
                                           (1,8):-1
                                                      (1,9): -10
           (2,5):6
                      (2,6):2
                                                       (2,9):2
(2,4): -8
                                (2,7):6
                                            (2,8):8
(3,4):-1
           (3,5): -5
                      (3,6):9
                                (3,7): -6
                                            (3,8):8
                                                       (3,9): -5
(4,7):2
           (4,8):8
                      (4,9):7
                                (5,7): -8
                                            (5,8):0
                                                       (5,9):3
(6,7):2
           (6,8): -7
                      (6,9):7
```

1842. Inequality 1842 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):4
           (1,5):4
                      (1,6):3
                                (1,7):2
                                           (1,8):-1
                                                      (1,9): -6
(2,4):-5
           (2,5):4
                      (2,6):1
                                (2,7):4
                                           (2,8):5
                                                      (2,9):1
(3,4):-1
           (3,5): -3
                      (3,6):6
                                (3,7):-4
                                           (3,8):5
                                                      (3,9): -3
(4,7):1
                                                      (5,9):2
           (4,8):5
                      (4,9):4
                                (5,7):-5
                                           (5,8):0
(6,7):2
           (6,8):-4
                     (6,9):4
```

1843. Inequality 1843 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-5
           (1,5):4
                      (1,6):4
                                 (1,7):3
                                            (1,8):6
                                                       (1,9): -4
(2,4): -6
           (2,5): -1
                      (2,6): -4
                                 (2,7):7
                                            (2,8):5
                                                       (2,9):3
           (3,5):-4
                                 (3,7): -8
                                                        (3,9):3
(3,4):0
                      (3,6):4
                                            (3,8):5
(4,7):6
                      (4,9):1
                                 (5,7): -2
           (4,8):6
                                            (5,8):-1
                                                        (5,9):4
(6,7):4
           (6,8): -1
                      (6,9):1
```

1844. Inequality 1844 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):4
                      (1,6):4
                                 (1,7):2
                                            (1,8):5
                                                       (1,9):-4
(1,4):-3
(2,4):-5
           (2,5): -1
                      (2,6): -2
                                 (2,7):4
                                            (2,8):3
                                                       (2,9):3
                                 (3,7):-5
(3,4):-1
           (3,5): -4
                      (3,6):4
                                            (3.8):3
                                                       (3,9):3
(4,7):4
           (4,8):5
                      (4,9):2
                                 (5,7):-1
                                            (5,8): -2
                                                       (5,9):4
(6,7):2
           (6,8): -2
                      (6,9):2
```

1845. Inequality 1845 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):-7
                                            (1,8):0
                                                       (1,9): -10
(1,4):9
           (1,5):6
                      (1,6):6
(2,4):-3
                                 (2,7):5
                                            (2,8):6
                                                       (2,9):-3
           (2,5):8
                     (2,6): -3
(3,4):-5
                      (3,6):1
                                (3,7):-5
                                                       (3,9):4
           (3,5):1
                                            (3,8):6
(4,7):4
           (4,8):9
                      (4,9):6
                                                       (5,9):6
                                (5,7):-1
                                           (5,8): -6
(6,7):4
           (6,8): -3
                      (6,9):3
```

1846. Inequality 1846 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):6
           (1,5):3
                      (1,6):5
                                 (1,7):-4
                                            (1,8):-1
                                                       (1,9):-7
(2,4):-2
           (2,5):6
                      (2,6): -1
                                 (2,7):5
                                            (2,8):5
                                                       (2,9): -3
(3,4): -5
           (3,5):0
                      (3,6):5
                                 (3,7):-5
                                            (3,8):6
                                                       (3,9):1
                                 (5,7):-3
(4,7):1
           (4,8):6
                      (4,9):4
                                           (5,8):-4
                                                       (5,9):4
(6,7):6
           (6,8): -2
                      (6,9):3
```

1847. Inequality 1847 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):1
                      (1,6):4
                                (1,7):2
                                           (1,8): -2
                                                     (1,9):-3
(2,4):0
           (2,5): -4
                      (2,6):3
                                (2,7):3
                                           (2,8):3
                                                      (2,9):1
(3,4):-3
                                (3,7):0
                                                     (3,9):-4
           (3,5):3
                      (3,6):2
                                           (3,8):2
(4,7):1
           (4,8):1
                     (4,9):-1
                                (5,7):3
                                           (5,8):1
                                                      (5,9):4
(6,7): -3
           (6,8):-1
                      (6,9):3
```

1848. Inequality 1848 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):5
           (1,5):5
                      (1,6): -1
                                 (1,7):-2
                                             (1,8):2
                                                       (1,9):-5
(2,4): -6
           (2,5):4
                      (2,6): -4
                                 (2,7):4
                                                       (2,9): -2
                                            (2,8):4
(3,4):-3
           (3,5):5
                      (3,6):7
                                 (3,7):-4
                                            (3,8):7
                                                       (3,9):2
(4,7):6
           (4,8):5
                      (4,9):5
                                 (5,7):2
                                            (5,8):-7
                                                        (5,9):5
(6,7):6
           (6,8): -3
                      (6,9): -5
```

1849. Inequality 1849 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                      (1,6):1
                                 (1,7):-1
                                            (1,8): -1
                                                       (1,9): -2
(2,4):4
                                            (2,8):4
                                                       (2,9): -2
           (2,5):-1
                      (2,6): -1
                                 (2,7):4
(3,4):3
           (3,5):-1
                      (3,6): -1
                                 (3,7):-4
                                             (3,8):4
                                                       (3,9):-1
(4,7):0
           (4,8): -3
                      (4,9):3
                                 (5,7):2
                                            (5,8):2
                                                        (5,9):2
           (6,8):2
                      (6,9):2
(6,7):-1
```

1850. Inequality 1850 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,8): -2
(1,4):4
           (1,5):4
                      (1,6):2
                                (1,7):2
                                                      (1,9): -6
(2,4):-5
                                (2,7):4
                                                      (2,9):1
           (2,5):4
                      (2,6):1
                                           (2,8):5
(3,4):0
          (3,5): -2
                     (3,6):5
                                (3,7):-4
                                           (3,8):5
                                                      (3,9): -4
(4,7):1
           (4,8):5
                      (4,9):5
                                (5,7): -5
                                           (5,8):0
                                                      (5,9):3
(6,7):2
           (6,8): -3
                     (6,9):3
```

1851. Inequality 1851 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):6
                      (1,6):3
                                  (1,7):2
                                                        (1,9): -4
                                            (1,8):-3
(2,4):-4
           (2,5):5
                      (2,6): -2
                                 (2,7):5
                                             (2,8):3
                                                       (2,9):-1
(3,4): -3
           (3,5):-1
                      (3,6):6
                                 (3,7): -3
                                             (3,8):4
                                                       (3,9): -3
(4,7):2
           (4,8):4
                      (4,9):1
                                 (5,7):-5
                                             (5,8):1
                                                        (5,9):4
           (6,8): -1
(6,7):3
                      (6,9):3
```

1852. Inequality 1852 with incidence 28 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):1
           (1,5):4
                      (1,6):2
                                 (1,7):2
                                            (1,8): -2
                                                       (1,9): -3
(2,4):-2
                                            (2,8):2
           (2,5):3
                      (2,6): -1
                                 (2,7):3
                                                       (2,9):-1
(3,4):-1
           (3,5):-1
                                 (3,7):-2
                      (3,6):3
                                            (3,8):3
                                                       (3,9): -2
(4,7):2
                                 (5,7):-4
           (4,8):3
                      (4,9):1
                                            (5,8):1
                                                       (5,9):3
(6,7):1
           (6,8): -1
                      (6,9):2
```

1853. Inequality 1853 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):2
                     (1,6):2
                                (1,7):1
                                          (1,8):0
                                                    (1,9):-3
(1,4):2
(2,4):-5
           (2,5):2
                     (2,6):2
                                (2,7):3
                                          (2,8):3
                                                    (2,9):1
                               (3,7):-3
                                                    (3,9):-1
(3,4):-1
          (3,5): -3
                     (3,6):4
                                          (3,8):4
(4,7):2
          (4,8):4
                     (4,9):4
                               (5,7):-3
                                          (5,8):1
                                                    (5,9):1
(6,7):0
          (6,8): -4
                     (6,9):4
```

1854. Inequality 1854 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):4
                               (1,7):4
                                                     (1,9):-3
(1,4):-2
           (1,5):0
                                          (1,8):3
(2,4):3
          (2,5):-4
                               (2,7):4
                                          (2,8):-3
                                                     (2,9):1
                     (2,6):1
           (3,5):3
(3,4):3
                               (3,7):-1
                                          (3,8): -2
                                                     (3,9): -5
                     (3,6):2
(4,7):0
           (4,8):4
                     (4,9):2
                                          (5,8):-1
                                                     (5,9):4
                               (5,7):4
(6,7):-3
                     (6,9):3
          (6,8):-1
```

1855. Inequality 1855 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):6
           (1,5):6
                      (1,6):0
                                 (1,7): -3
                                             (1,8):3
                                                       (1,9): -6
(2,4): -6
           (2,5):5
                      (2,6): -5
                                 (2,7):5
                                            (2,8):4
                                                       (2,9): -3
(3,4):-4
           (3,5):5
                      (3,6):8
                                 (3,7):-4
                                            (3,8):8
                                                       (3,9):3
(4,7):7
                      (4,9):6
           (4,8):5
                                 (5,7):2
                                            (5,8): -8
                                                        (5,9):6
(6,7):7
           (6,8):-4
                      (6,9): -6
```

1856. Inequality 1856 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):6
(1,4):1
           (1,5):7
                      (1,6): -6
                                            (1,8):1
                                                       (1,9):-7
(2,4):-5
           (2,5):0
                      (2,6): -1
                                 (2,7):5
                                            (2,8):5
                                                       (2,9):4
(3,4): -1
                                 (3,7):-5
                                                       (3,9):-3
           (3,5):6
                      (3,6):6
                                            (3,8):9
(4,7):4
           (4,8):5
                      (4,9):4
                                 (5,7):-1
                                            (5,8):-7
                                                       (5,9):7
(6,7):9
           (6,8): -5
                      (6,9): -3
```

1857. Inequality 1857 with incidence 28 and stabilizer of size 6. Orbit size is 55296 nature: unknown

```
(1,4): \overline{2}
            (1,5):1
                       (1,6):1
                                  (1,7):1
                                             (1,8):-1
                                                         (1,9): -2
                       (2,6):1
(2,4):-3
            (2,5):2
                                  (2,7):2
                                             (2,8):3
                                                         (2,9):1
(3,4):-1
           (3,5):-1
                       (3,6):2
                                 (3,7):-1
                                             (3,8):2
                                                         (3,9):-1
(4,7):1
           (4,8):3
                       (4,9):2
                                 (5,7): -2
                                             (5,8):-1
                                                         (5,9):1
(6,7):1
           (6,8): -2
                       (6,9):1
```

1858. Inequality 1858 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):3
                     (1,6):3
                                (1,7):2
                                          (1,8):0
                                                     (1,9): -4
(2,4):-5
           (2,5):2
                                (2,7):3
                                          (2,8):3
                                                     (2,9):2
                     (2,6):1
(3,4):-1
          (3,5): -3
                     (3,6):4
                                (3,7): -3
                                          (3,8):4
                                                     (3,9):-1
(4,7):2
          (4,8):4
                     (4,9):4
                               (5,7):-4
                                          (5,8):1
                                                     (5,9):1
          (6,8):-4
                     (6,9):4
(6,7):0
```

1859. Inequality 1859 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):4
                      (1,6):0
                                 (1,7):-2
                                            (1,8):2
                                                       (1,9): -4
(1,4):4
(2,4):-3
           (2,5):3
                                            (2,8):2
                                                       (2,9):-2
                      (2,6): -3
                                 (2,7):3
(3,4):-3
           (3,5):3
                      (3,6):5
                                 (3,7): -2
                                            (3,8):5
                                                       (3,9):2
(4,7):5
           (4,8):3
                      (4,9):4
                                 (5,7):1
                                            (5,8):-5
                                                       (5,9):4
(6,7):5
           (6,8): -3
                      (6,9): -4
```

1860. Inequality 1860 with incidence 28 and stabilizer of size 3. Orbit size is 110592 nature: unknown

```
(1,4):2
           (1,5):2
                      (1,6):1
                                (1,7):1
                                           (1,8):-1
                                                      (1,9):-3
(2,4):-3
           (2,5):3
                      (2,6):1
                                (2,7):2
                                           (2,8):3
                                                      (2,9):0
(3,4):0
           (3,5): -2
                      (3,6):3
                                (3,7): -2
                                           (3,8):3
                                                      (3,9): -2
(4,7):1
                                                      (5,9):2
           (4,8):3
                     (4,9):3
                                (5,7): -3
                                           (5,8):0
                     (6,9):2
(6,7):1
           (6,8): -2
```

1861. Inequality 1861 with incidence 28 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):2
          (1,5): -2
                     (1,6):0
                                (1,7):3
                                           (1,8):1
                                                      (1,9): -4
(2,4):3
                     (2,6): -1
                                (2,7):-2
          (2,5):2
                                           (2,8):3
                                                      (2,9):-1
(3,4):1
          (3,5): -2
                                (3,7):3
                                           (3,8):2
                                                      (3,9):3
                     (3,6): -3
                                           (5,8):-1
(4,7):1
          (4,8): -3
                     (4,9):2
                                (5,7):3
                                                      (5,9):0
(6,7):2
          (6,8):2
                     (6,9):2
```

1862. Inequality 1862 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):0
          (1,5): -2
                                (1,7):5
                                                      (1,9): -6
(1,4):2
                                            (1,8):1
(2,4):4
          (2,5):2
                     (2,6): -2
                                (2,7): -2
                                            (2,8):4
                                                      (2,9): -2
(3,4):0
                                (3,7):5
          (3,5): -2
                     (3,6): -5
                                           (3,8):3
                                                      (3,9):5
(4,7):2
          (4,8): -4
                     (4,9):4
                                (5,7):3
                                           (5,8):-1
                                                       (5,9):0
(6,7):3
          (6,8):3
                      (6,9):3
```

1863. Inequality 1863 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):0
                                (1,7):3
                                                     (1,9): -4
(1,4):2
          (1,5): -2
                                           (1,8):1
(2,4):4
          (2,5):2
                                (2,7):-2
                                                     (2,9):-2
                     (2,6): -2
                                           (2,8):4
(3,4):2
          (3,5): -2
                                (3,7):3
                                           (3,8):3
                                                      (3,9):3
                     (3,6): -3
(4,7):2
          (4,8):-4
                     (4,9):2
                                (5,7):3
                                          (5,8):-1
                                                      (5,9):0
(6,7):3
          (6,8):3
                     (6,9):1
```

1864. Inequality 1864 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):4
           (1,5):4
                     (1,6):4
                                (1,7):3
                                           (1,8): -3
                                                      (1,9): -4
                                                      (2,9):2
(2,4):-5
                     (2,6):2
                                (2,7):3
           (2,5):3
                                           (2,8):5
(3,4):-2
          (3,5):-4
                     (3,6):6
                                (3,7): -3
                                           (3,8):3
                                                      (3,9):0
(4,7):1
           (4,8):6
                     (4,9):4
                                (5,7):-4
                                           (5,8): -3
                                                      (5,9):4
                     (6,9):2
(6,7):0
           (6,8): -2
```

1865. Inequality 1865 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):3
                                                       (1,9):4
(1,4):-4
           (1,5): -2
                      (1,6): -2
                                            (1,8):1
(2,4):-1
           (2,5):5
                                            (2,8):3
                                                       (2,9):-3
                      (2,6): -2
                                 (2,7):4
(3,4): -4
           (3,5):3
                                 (3,7):-3
                      (3,6):2
                                            (3,8):5
                                                       (3,9):1
(4,7):1
           (4,8):4
                      (4,9):4
                                 (5,7):0
                                            (5,8):-4
                                                       (5,9):4
(6,7):3
           (6,8): -1
                      (6,9):0
```

1866. Inequality 1866 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4): \overline{2}
           (1,5):3
                      (1,6):2
                                  (1,7):1
                                             (1,8):1
                                                        (1,9): -3
(2,4):-5
           (2,5):3
                      (2,6):2
                                  (2,7):4
                                             (2,8):4
                                                        (2,9):0
(3,4):-1
           (3,5): -5
                      (3,6):4
                                 (3,7):-4
                                             (3,8):5
                                                        (3,9):1
(4,7):3
           (4,8):4
                      (4,9):3
                                 (5,7): -6
                                             (5,8):1
                                                        (5,9):4
(6,7):2
           (6,8): -5
                      (6,9):3
```

1867. Inequality 1867 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):2
(1,4):4
                      (1,6):4
                                  (1,7):1
                                            (1,8): -3
                                                       (1,9): -4
(2,4):-2
           (2,5):3
                                 (2,7):3
                                            (2,8):2
                                                       (2,9):-1
                      (2,6): -1
(3,4):-4
           (3,5): -1
                      (3,6):4
                                 (3,7): -2
                                            (3,8):2
                                                        (3,9):1
(4,7):1
           (4,8):4
                      (4,9):3
                                 (5,7): -3
                                            (5,8): -2
                                                        (5,9):3
(6,7):2
           (6,8):1
                      (6,9):2
```

1868. Inequality 1868 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-5
           (1,5): -2
                      (1,6): -4
                                  (1,7):5
                                             (1,8):0
                                                        (1,9):6
           (2,5):4
                                 (2,7):3
                                                       (2,9):-3
(2,4):-1
                      (2,6): -1
                                             (2,8):4
(3,4): -4
           (3,5):1
                      (3,6):4
                                 (3,7): -3
                                             (3,8):7
                                                        (3,9):3
(4,7):2
           (4,8):5
                      (4,9):5
                                 (5,7):-1
                                            (5,8):-5
                                                        (5,9):5
(6,7):4
           (6,8): -3
                      (6,9):0
```

1869. Inequality 1869 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
          (1,5):-1
                     (1,6):1
                               (1,7):-1
                                           (1,8):1
                                                     (1,9): -2
(2,4):2
          (2,5):2
                     (2,6):3
                               (2,7):-3
                                          (2,8):-1
                                                     (2,9):1
(3,4):3
          (3,5):0
                     (3,6):-4
                                (3,7):2
                                          (3,8):2
                                                     (3,9):1
                                (5,7):2
                                                     (5,9):-2
(4,7):1
          (4,8): -1
                     (4,9):1
                                          (5,8):-1
(6,7):3
          (6,8):2
                     (6,9):1
```

1870. Inequality 1870 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):0
           (1,5):5
                      (1,6):5
                                 (1,7):3
                                            (1,8):2
                                                      (1,9): -5
                                                      (2,9):3
(2,4):-7
           (2,5):4
                     (2,6): -3
                                 (2,7):6
                                            (2,8):3
(3,4):-4
           (3,5):-4
                                (3,7):-3
                                                      (3,9):2
                      (3,6):5
                                            (3,8):4
(4,7):3
           (4,8):5
                                (5,7): -6
                                                      (5,9):4
                      (4,9):5
                                           (5,8):-1
(6,7):3
           (6,8): -5
                      (6,9):5
```

1871. Inequality 1871 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):0
           (1,5):4
                      (1,6):5
                                (1,7):3
                                           (1,8):2
                                                     (1,9):-4
(2,4): -6
           (2,5):3
                     (2,6): -2
                                (2,7):4
                                           (2,8):2
                                                     (2,9):3
                                                     (3,9):1
(3,4):-4
          (3,5): -3
                     (3,6):4
                                (3,7):-2
                                           (3.8):4
(4,7):2
           (4,8):4
                     (4,9):4
                                (5,7):-4
                                           (5,8):0
                                                     (5,9):2
(6,7):1
           (6,8):-4
                      (6,9):4
```

1872. Inequality 1872 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,9):-3
(1,4):0
           (1,5):3
                      (1,6):3
                                (1,7):2
                                           (1,8):1
(2,4):-4
           (2,5):2
                                (2,7):3
                                                     (2,9):2
                     (2,6): -2
                                           (2,8):1
(3,4):-2
           (3,5): -2
                     (3,6):2
                                (3,7):-1
                                           (3,8):2
                                                     (3,9):1
(4,7):2
           (4,8):3
                     (4,9):3
                                           (5,8):0
                                                     (5,9):2
                                (5,7):-3
(6,7):1
                     (6,9):3
           (6,8): -3
```

1873. Inequality 1873 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
            (1,5):6
                       (1,6):4
                                  (1,7): -2
                                             (1,8):2
                                                        (1,9):-4
                                             (2,8):9
                                                        (2,9):4
(2,4):-10
            (2,5):10
                       (2,6): -5
                                  (2,7):10
(3,4): -9
            (3,5): -3
                       (3,6):8
                                  (3,7):-9
                                             (3,8):9
                                                        (3,9):4
(4,7):1
            (4,8):10
                       (4,9):8
                                  (5,7):-7
                                             (5,8): -8
                                                        (5,9):8
(6,7):9
            (6,8):-4
                       (6,9):4
```

1874. Inequality 1874 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):5
                                 (1,7):-1
                                            (1,8):2
                                                       (1,9):-3
(1,4):2
                      (1,6):3
           (2,5):8
                                            (2,8):7
(2,4): -8
                      (2,6): -4
                                 (2,7):8
                                                       (2,9):3
(3,4):-7
           (3,5): -2
                                 (3,7):-7
                                                       (3,9):3
                      (3,6):6
                                            (3,8):7
                                            (5,8):-7
(4,7):1
           (4,8):8
                      (4,9):6
                                 (5,7): -6
                                                       (5,9):6
(6,7):7
           (6,8): -3
                      (6,9):3
```

1875. Inequality 1875 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):4
                      (1,6):5
                                 (1,7):-2
                                           (1,8):2
                                                      (1,9):0
(2,4):4
           (2,5): -3
                      (2,6):2
                                 (2,7):2
                                           (2,8):4
                                                      (2,9):-1
(3,4):3
           (3,5):3
                     (3,6): -3
                                (3,7):-2
                                           (3,8):2
                                                      (3,9):-3
(4,7):-1
          (4,8):-4
                      (4,9):3
                                 (5,7):3
                                           (5,8):2
                                                      (5,9):3
                     (6,9): -2
(6,7):0
           (6,8): -2
```

1876. Inequality 1876 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):5
                      (1,6):3
                                 (1,7):2
                                            (1,8):3
                                                       (1,9): -5
(2,4):-4
           (2,5):2
                                 (2,7):4
                                            (2,8):4
                                                       (2,9):3
                      (2,6): -1
(3,4):-1
           (3,5): -3
                      (3,6):3
                                 (3,7):-4
                                            (3,8):4
                                                       (3,9):1
(4,7):1
           (4,8):4
                      (4,9):4
                                 (5,7): -6
                                            (5,8): -2
                                                       (5,9):4
(6,7):3
           (6,8):-5
                      (6,9):3
```

1877. Inequality 1877 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):1
                      (1,6):3
                                 (1,7):1
                                           (1,8):0
                                                     (1,9):-1
(2,4):-4
                                 (2,7):3
                                                      (2,9):2
          (2,5):-4
                      (2,6):3
                                           (2,8):4
(3,4):-2
           (3,5):4
                      (3,6):3
                                (3,7): -3
                                           (3,8):4
                                                     (3,9): -2
(4,7):2
           (4,8):4
                     (4,9): -2
                                 (5,7):3
                                           (5,8):0
                                                      (5,9):4
(6,7):0
           (6,8):-4
                     (6,9):-1
```

1878. Inequality 1878 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):3
           (1,5):5
                      (1,6):2
                                 (1,7):-1
                                             (1,8):3
                                                       (1,9): -4
(2,4): -6
           (2,5):5
                      (2,6): -3
                                 (2,7):3
                                             (2,8):5
                                                        (2,9):0
(3,4): -6
           (3,5):1
                      (3,6):5
                                 (3,7): -2
                                             (3,8):7
                                                        (3,9):5
(4,7):2
           (4,8):5
                      (4,9):6
                                 (5,7):-1
                                            (5,8):-7
                                                        (5,9):5
                      (6,9): -2
           (6,8): -3
(6,7):1
```

1879. Inequality 1879 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):0
           (1,5):3
                     (1,6):3
                                (1,7): -2
                                           (1,8):3
                                                     (1,9): -5
          (2,5):-1
                                (2,7):2
                                                     (2,9): -2
(2,4):1
                     (2,6):1
                                          (2,8): -1
(3,4):0
          (3,5):-3
                                (3,7):3
                                           (3,8):4
                                                     (3,9):-1
                     (3,6):3
(4,7):-1
           (4,8):4
                                (5,7):3
                                                      (5,9):2
                     (4,9):4
                                           (5,8):0
(6,7):-1
           (6,8):-4
                     (6,9):4
```

1880. Inequality 1880 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):2
                     (1,6):2
                                (1,7):0
                                          (1,8):-1
                                                     (1,9):-3
(1,4):2
(2,4):-3
           (2,5):3
                     (2,6):1
                                (2,7):3
                                          (2,8):3
                                                     (2,9):-1
                               (3,7):-3
(3,4):-2
          (3,5):-1
                     (3,6):3
                                          (3,8):3
                                                     (3,9):0
(4,7):1
           (4,8):4
                     (4,9):2
                               (5,7):-4
                                          (5,8): -1
                                                     (5,9):3
           (6,8): -2
(6,7):3
                     (6,9):3
```

1881. Inequality 1881 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):3
                                (1,7):1
                                                      (1,9):-4
(1,4):3
           (1,5):4
                                           (1,8): -1
(2,4): -6
           (2,5):6
                                (2,7):6
                                                      (2,9):-1
                      (2,6):1
                                           (2,8):6
(3,4):-3
           (3,5):-4
                                (3,7): -6
                                           (3,8):6
                                                      (3,9):0
                     (3,6):7
(4,7):3
           (4,8):7
                     (4,9):4
                                          (5,8):-1
                                                      (5,9):5
                                (5,7): -8
(6,7):4
                     (6,9):4
           (6,8):-5
```

1882. Inequality 1882 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):4
                     (1,6):3
                               (1,7):1
                                          (1,8):-1
                                                     (1,9):-3
(2,4):-5
                                                     (2,9):-1
           (2,5):5
                     (2,6):1
                               (2,7):5
                                          (2,8):5
(3,4):-2
          (3,5):-4
                     (3,6):6
                               (3,7):-5
                                          (3,8):5
                                                     (3,9):0
(4,7):3
                               (5,7): -7
           (4,8):5
                     (4,9):3
                                          (5,8):0
                                                     (5,9):4
(6,7):3
          (6,8):-4
                     (6,9):3
```

1883. Inequality 1883 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):-2
                                            (1,8):0
                                                       (1,9):-3
(1,4):4
           (1,5):3
                      (1,6):2
(2,4):-2
           (2,5):6
                      (2,6): -3
                                 (2,7):5
                                            (2,8):4
                                                       (2,9):-4
(3,4): -2
                                 (3,7):-3
           (3,5):1
                      (3,6):2
                                            (3,8):5
                                                       (3,9):1
(4,7):4
           (4,8):4
                      (4,9):4
                                 (5,7):-2
                                            (5,8):-4
                                                       (5,9):4
(6,7):2
           (6,8): -1
                      (6,9): -2
```

1884. Inequality 1884 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):6
                      (1,6):7
                                  (1,7):1
                                             (1,8):7
                                                        (1,9): -6
(2,4): -6
           (2,5):3
                      (2,6): -3
                                  (2,7):2
                                             (2,8):3
                                                        (2,9):5
(3,4):-5
           (3,5): -5
                      (3,6):5
                                 (3,7): -3
                                             (3,8):6
                                                        (3,9):2
(4,7):1
           (4,8):7
                      (4,9):6
                                 (5,7):-2
                                            (5,8): -3
                                                        (5,9):3
(6,7):1
           (6,8): -6
                      (6,9):6
```

1885. Inequality 1885 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):2
                     (1,6):2
                                (1,7):0
                                           (1,8):-1
                                                     (1,9): -3
(2,4):-3
           (2,5):2
                     (2,6):2
                                (2,7):1
                                           (2,8):3
                                                      (2,9):1
(3,4):-1
           (3,5):0
                     (3,6):2
                                (3,7):-1
                                           (3,8):2
                                                     (3,9): -2
                                          (5,8):-1
(4,7):1
           (4,8):3
                     (4,9):2
                                (5,7):-4
                                                      (5,9):3
           (6,8):-2
(6,7):3
                     (6,9):3
```

1886. Inequality 1886 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-4
           (1,5): -2
                      (1,6): -2
                                 (1,7):2
                                            (1,8):2
                                                       (1,9):4
(2,4):0
                                                       (2,9):-4
           (2,5):5
                      (2,6): -3
                                 (2,7):3
                                            (2,8):3
(3,4): -3
           (3,5):3
                      (3,6):3
                                 (3,7): -3
                                            (3,8):5
                                                       (3,9):1
(4,7):1
           (4,8):4
                      (4,9):4
                                 (5,7):0
                                            (5,8):-4
                                                       (5,9):4
(6,7):3
           (6,8):0
                      (6,9): -1
```

1887. Inequality 1887 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):5
           (1,5):5
                      (1,6): -1
                                 (1,7):-2
                                            (1,8):2
                                                       (1,9): -5
(2,4):4
           (2,5): -4
                      (2,6):4
                                 (2,7):-2
                                            (2,8): -2
                                                       (2,9):4
(3,4):-3
           (3,5):3
                      (3,6):5
                                 (3,7):-2
                                            (3,8):5
                                                       (3,9):2
(4,7):4
           (4,8):3
                      (4,9):3
                                 (5,7):2
                                            (5,8):-5
                                                       (5,9):5
           (6,8): -3
(6,7):4
                      (6,9): -5
```

1888. Inequality 1888 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):4
           (1,5):4
                      (1,6): -1
                                 (1,7):-1
                                            (1,8):1
                                                       (1,9): -3
(2,4):3
           (2,5): -3
                                 (2,7):-1
                      (2,6):3
                                            (2,8):-1
                                                       (2,9):3
(3,4): -2
           (3,5):2
                                 (3,7):-1
                                                       (3,9):1
                      (3,6):3
                                            (3,8):3
(4,7):2
           (4,8):2
                      (4,9):1
                                 (5,7):1
                                            (5,8):-3
                                                       (5,9):3
(6,7):2
           (6,8): -2
                      (6,9): -3
```

1889. Inequality 1889 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):3
                      (1,6):2
                                (1,7):-3
                                            (1,8):0
                                                      (1,9):-4
(1,4):4
(2,4):-2
           (2,5):5
                     (2,6): -3
                                (2,7):4
                                           (2,8):3
                                                      (2,9): -3
                                (3,7):-2
                                                      (3,9):2
(3,4):-4
           (3,5):2
                      (3,6):2
                                           (3.8):4
(4,7):2
           (4,8):4
                      (4,9):4
                                 (5,7):0
                                           (5,8):-4
                                                      (5,9):4
(6,7):3
           (6,8):-1
                      (6,9):-1
```

1890. Inequality 1890 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6): \overline{4}
                                   (1,7):-2
(1,4):2
            (1,5):5
                                               (1,8):2
                                                          (1,9):-3
(2,4):-8
            (2,5):8
                                                          (2,9):3
                       (2,6): -4
                                   (2,7):8
                                              (2,8):7
(3,4): -7
           (3,5): -3
                                  (3,7):-7
                                              (3,8):7
                                                          (3,9):3
                       (3,6):7
(4,7):1
            (4,8):8
                       (4,9):6
                                  (5,7): -6
                                              (5,8): -6
                                                          (5,9):6
                       (6,9):3
(6,7):8
           (6,8): -4
```

1891. Inequality 1891 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-4
           (1,5):2
                      (1,6):4
                                 (1,7):-4
                                            (1,8):5
                                                       (1,9):-1
(2,4):0
           (2,5):4
                      (2,6): -1
                                 (2,7):3
                                            (2,8):3
                                                       (2,9): -3
(3,4):-4
           (3,5):0
                      (3,6): -4
                                 (3,7):3
                                            (3,8):2
                                                       (3,9):5
                                 (5,7): -2
(4,7):-1
           (4,8):5
                      (4,9):4
                                            (5,8):-4
                                                       (5,9):4
(6,7):5
           (6,8): -1
                      (6,9):3
```

1892. Inequality 1892 with incidence 28 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,5):-1
                                 (1,7):-2
                                                       (1,9):1
(1,4):3
                      (1,6):3
                                            (1,8):2
(2,4):-1
           (2,5):3
                                            (2,8):2
                      (2,6):1
                                 (2,7):3
                                                       (2,9): -2
(3,4):-3
           (3,5):-1
                                 (3,7):-2
                                                       (3,9):2
                      (3,6):3
                                            (3,8):3
(4,7):3
           (4,8):1
                      (4,9):3
                                 (5,7): -3
                                            (5,8):-1
                                                       (5,9):3
(6,7):1
           (6,8): -3
                      (6,9): -1
```

1893. Inequality 1893 with incidence 28 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):4
           (1,5):4
                      (1,6):1
                                 (1,7):-2
                                            (1,8):3
                                                       (1,9):-4
(2,4):-4
                                 (2,7):3
                                                       (2,9):-1
           (2,5):4
                      (2,6): -1
                                            (2,8):3
(3,4): -2
           (3,5):0
                      (3,6):3
                                 (3,7): -2
                                            (3,8):4
                                                       (3,9):3
(4,7):4
           (4,8):2
                      (4,9):4
                                 (5,7):-1
                                            (5,8):-5
                                                       (5,9):4
(6,7):2
           (6,8): -3
                      (6,9): -2
```

1894. Inequality 1894 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):3
                     (1,6):5
                                 (1,7):4
                                           (1,8):-1
                                                      (1,9): -4
(2,4):-4
           (2,5):2
                                (2,7):4
                                            (2,8):5
                                                       (2,9):2
                     (2,6): -1
(3,4):-1
           (3,5):3
                     (3,6): -3
                                (3,7): -3
                                            (3,8):6
                                                      (3,9): -2
(4,7):3
           (4,8):4
                     (4,9):3
                                (5,7): -2
                                           (5,8):-5
                                                       (5,9):5
(6,7):-4
           (6,8):5
                     (6,9):2
```

1895. Inequality 1895 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):1
                     (1,6):2
                                (1,7):1
                                           (1,8):0
                                                      (1,9):-1
(1,4):-1
(2,4):-2
           (2,5):1
                                (2,7):3
                                                      (2,9):1
                     (2,6): -2
                                           (2,8):3
(3,4):-1
           (3,5):1
                     (3,6): -1
                                (3,7): -2
                                           (3,8):3
                                                      (3,9):0
(4,7):1
           (4,8):2
                     (4,9):1
                                (5,7):-1
                                           (5,8):-2
                                                      (5,9):2
(6,7):0
           (6,8):2
                     (6,9):1
```

1896. Inequality 1896 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):3
                                (1,7):4
                                           (1,8):-1
                                                      (1,9): -4
                     (1,6):5
(2,4):-5
           (2,5):3
                     (2,6):0
                                (2,7):5
                                           (2,8):5
                                                      (2,9):2
(3,4):-1
           (3,5):3
                     (3,6): -3
                                (3,7): -3
                                           (3,8):6
                                                      (3,9):-2
(4,7):4
                                                      (5,9):6
           (4,8):5
                     (4,9):4
                                (5,7): -3
                                           (5,8): -6
(6,7): -5
           (6,8):5
                     (6,9):2
```

1897. Inequality 1897 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):3
                     (1,6): -2
                                 (1,7):2
                                            (1,8):1
                                                      (1,9):-1
(2,4):-1
                      (2,6):3
                                                      (2,9):-3
           (2,5):4
                                 (2,7):4
                                            (2,8):1
(3,4):-1
           (3,5): -2
                                (3,7):-2
                                                      (3,9):2
                      (3,6):1
                                            (3,8):2
                                                      (5,9):5
(4,7):4
           (4,8):1
                                (5,7):-5
                      (4,9):4
                                           (5,8):-1
           (6,8):0
                      (6,9):1
(6,7):-1
```

1898. Inequality 1898 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-2
           (1,5):2
                      (1,6):8
                                 (1,7):-4
                                             (1,8):6
                                                       (1,9): -6
(2,4):-5
           (2,5):7
                      (2,6): -2
                                 (2,7):7
                                            (2,8):5
                                                       (2,9): -2
                                 (3,7):-1
                                                       (3,9):8
(3,4): -5
           (3,5): -6
                      (3,6): -2
                                            (3.8):6
(4,7):3
           (4,8):8
                      (4,9):3
                                 (5,7):-7
                                            (5,8): -1
                                                        (5,9):9
           (6,8):-4
(6,7):6
                      (6,9):6
```

1899. Inequality 1899 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):3
                                 (1,7):-1
(1,4):-1
           (1,5):1
                                            (1,8):2
                                                      (1,9): -2
(2,4):-4
           (2,5):2
                                                       (2,9):2
                      (2,6): -1
                                 (2,7):5
                                            (2,8):4
                      (3,6): -1
(3,4):-3
           (3,5):1
                                (3,7):-3
                                            (3,8):4
                                                       (3,9):2
(4,7):1
           (4,8):4
                      (4,9):3
                                 (5,7):-2
                                           (5,8):-3
                                                       (5,9):3
                      (6,9):2
(6,7):2
           (6,8):-1
```

1900. Inequality 1900 with incidence 27 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):-1
           (1,5):1
                     (1,6):2
                                (1,7):0
                                           (1,8):1
                                                      (1,9):-1
(2,4):-2
           (2,5):1
                     (2,6): -2
                                (2,7):3
                                           (2,8):3
                                                      (2,9):1
(3,4):-1
           (3,5):1
                     (3,6): -1
                                (3,7): -2
                                           (3,8):3
                                                      (3,9):0
                                (5,7):-1
                                                      (5,9):2
(4,7):1
           (4,8):2
                     (4,9):1
                                           (5,8): -2
(6,7):1
           (6,8):1
                     (6,9):1
```

1901. Inequality 1901 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):-1
                                                     (1,9):1
(1,4):1
          (1,5): -2
                     (1,6):2
                                          (1,8):-1
(2,4):-5
           (2,5):2
                     (2,6):2
                                (2,7):5
                                          (2,8):6
                                                     (2,9):2
                               (3,7):-5
                                                     (3,9):1
(3,4):-4
           (3,5):2
                     (3,6):3
                                          (3,8):7
(4,7):1
           (4,8):5
                     (4,9):4
                               (5,7):-1
                                          (5,8):-4
                                                     (5,9):3
(6,7):1
          (6,8): -3
                     (6,9):1
```

1902. Inequality 1902 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4): \overline{2}
           (1,5): -2
                       (1,6):2
                                  (1,7):-1
                                             (1,8):-1
                                                         (1,9):0
            (2,5):0
(2,4):-3
                       (2,6):1
                                  (2,7):2
                                             (2,8):2
                                                         (2,9):2
(3,4):-1
            (3,5):2
                       (3,6):3
                                  (3,7):-2
                                             (3,8):4
                                                         (3,9): -2
(4,7):2
            (4,8):3
                       (4,9):3
                                  (5,7): -2
                                             (5,8):-2
                                                         (5,9):4
(6,7):1
           (6,8): -2
                       (6,9):1
```

1903. Inequality 1903 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5): -3
                      (1,6):3
                                 (1,7):-2
                                            (1,8): -1
                                                       (1,9):2
(2,4):-3
           (2,5):3
                      (2,6):3
                                 (2,7):5
                                            (2,8):5
                                                       (2,9):1
(3,4):-1
           (3,5):3
                      (3,6):3
                                 (3,7):-4
                                            (3,8):6
                                                       (3,9):-1
(4,7):2
           (4,8):3
                      (4,9):2
                                 (5,7): -2
                                            (5,8):-4
                                                       (5,9):3
           (6,8): -3
                      (6,9):-1
(6,7):1
```

1904. Inequality 1904 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5): -2
                      (1,6):1
                                 (1,7):2
                                            (1,8):1
                                                       (1,9):2
(1,4):-2
           (2,5):4
                                 (2,7):3
                                                       (2,9):-1
(2,4):-2
                      (2,6):1
                                            (2,8):3
(3,4):0
           (3,5): -1
                      (3,6):1
                                 (3,7):-4
                                            (3,8):3
                                                       (3,9):1
(4,7):4
           (4,8):2
                      (4,9):2
                                 (5,7): -2
                                            (5,8):-2
                                                       (5,9):3
(6,7):1
           (6,8): -1
                      (6,9): -1
```

1905. Inequality 1905 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):4
           (1,5):5
                      (1,6):1
                                 (1,7):0
                                             (1,8):4
                                                       (1,9): -4
(2,4): -6
           (2,5):4
                      (2,6): -1
                                 (2,7):6
                                            (2,8):5
                                                        (2,9):2
(3,4): -2
           (3,5):-1
                      (3,6):3
                                 (3,7): -6
                                            (3,8):7
                                                        (3,9):3
(4,7):5
           (4,8):3
                      (4,9):6
                                 (5,7):-5
                                            (5,8):-7
                                                        (5,9):4
                      (6,9):-1
(6,7):2
           (6,8): -2
```

1906. Inequality 1906 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):3
                      (1,6):2
                                (1,7):-1
                                            (1,8):2
                                                      (1,9):-1
(2,4):-5
           (2,5):3
                     (2,6): -3
                                 (2,7):4
                                            (2,8):4
                                                      (2,9):3
(3,4):-3
           (3,5): -2
                      (3,6):2
                                (3,7):-3
                                                       (3,9):3
                                            (3,8):3
(4,7):1
           (4,8):5
                                (5,7):-2
                                           (5,8):-5
                      (4,9):5
                                                       (5,9):5
(6,7):3
           (6,8): -1
                      (6,9):1
```

1907. Inequality 1907 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):3
                     (1,6):-1
                                 (1,7):1
                                            (1,8):2
                                                      (1,9):-3
(1,4):2
(2,4):-5
           (2,5):2
                     (2,6): -1
                                 (2,7):4
                                           (2,8):4
                                                      (2,9):2
                                (3,7):-4
                                                      (3,9):1
(3,4):-1
           (3,5):1
                      (3,6):2
                                           (3,8):5
(4,7):3
           (4,8):3
                      (4,9):4
                                (5,7):-2
                                           (5,8):-5
                                                      (5,9):3
(6,7):2
           (6,8):-1
                      (6,9):-1
```

1908. Inequality 1908 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):3
                                 (1,7):1
(1,4):2
                      (1,6): -2
                                            (1,8):1
                                                      (1,9):-3
(2,4):-7
           (2,5):2
                                                       (2,9):4
                      (2,6): -4
                                 (2,7):6
                                            (2,8):3
(3,4): -3
           (3,5):2
                      (3,6):3
                                (3,7):-3
                                            (3,8):6
                                                       (3,9):1
(4,7):3
           (4,8):5
                      (4,9):6
                                (5,7):-3
                                           (5,8):-5
                                                       (5,9):5
           (6,8): -2
(6,7):4
                      (6,9):1
```

1909. Inequality 1909 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):4
                      (1,6):2
                                 (1,7):-2
                                            (1,8): -2
                                                       (1,9):-4
(2,4):6
           (2,5):0
                      (2,6): -3
                                 (2,7):3
                                            (2,8):3
                                                       (2,9): -3
(3,4):3
           (3,5): -1
                      (3,6):3
                                 (3,7):-3
                                            (3,8):6
                                                       (3,9): -2
(4,7):-3
           (4,8): -4
                      (4,9):6
                                 (5,7):3
                                            (5,8):4
                                                       (5,9):4
(6,7):2
           (6,8): -1
                      (6,9):1
```

1910. Inequality 1910 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):2
                                                       (1,9): -6
(1,4):4
           (1,5):5
                      (1,6):3
                                            (1,8): -2
                                            (2,8):7
(2,4):7
           (2,5): -7
                      (2,6):1
                                 (2,7):7
                                                       (2,9):-1
(3,4):6
           (3,5):3
                                 (3,7):-7
                                                       (3,9):-4
                      (3,6): -5
                                            (3,8):7
(4,7):-4
           (4,8): -6
                      (4,9):7
                                 (5,7):5
                                            (5,8):6
                                                       (5,9):6
(6,7): -3
           (6,8):2
                      (6,9):2
```

1911. Inequality 1911 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):3
           (1,5):3
                      (1,6):2
                                 (1,7):1
                                            (1,8):-1
                                                       (1,9):-4
(2,4):5
           (2,5): -5
                                 (2,7):5
                                                       (2,9):-1
                      (2,6):1
                                            (2,8):5
(3,4):4
           (3,5):2
                      (3,6): -4
                                 (3,7):-5
                                            (3,8):5
                                                       (3,9): -2
(4,7): -3
           (4,8):-4
                      (4,9):5
                                 (5,7):4
                                            (5,8):4
                                                       (5,9):4
                      (6,9):2
(6,7): -2
           (6,8):1
```

1912. Inequality 1912 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):1
(1,4):3
           (1,5):4
                      (1,6):2
                                             (1,8): -2
                                                        (1,9): -4
(2,4):5
           (2,5): -5
                                 (2,7):5
                                             (2,8):5
                                                        (2,9):-1
                      (2,6):1
(3,4):4
           (3,5):2
                      (3,6): -3
                                 (3,7):-5
                                             (3,8):5
                                                        (3,9): -3
(4,7): -3
           (4,8): -4
                      (4,9):5
                                 (5,7):4
                                             (5,8):5
                                                        (5,9):4
(6,7): -2
                      (6,9):1
           (6,8):1
```

1913. Inequality 1913 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5): -2
                                 (1,7):-1
                                            (1,8):-1
                                                       (1,9):3
                      (1,6):2
(2,4):-4
           (2,5):2
                                 (2,7):3
                      (2,6): -1
                                            (2,8):3
                                                       (2,9):1
(3,4):-1
           (3,5):3
                      (3,6):3
                                 (3,7): -3
                                            (3,8):4
                                                       (3,9):0
(4,7):2
           (4,8):3
                      (4,9):3
                                 (5,7):-1
                                            (5,8): -3
                                                       (5,9):3
(6,7):2
           (6,8):0
                      (6,9): -2
```

1914. Inequality 1914 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                      (1,6):1
                                 (1,7):-1
                                                       (1,9): -2
                                            (1,8):-1
(2,4):3
           (2,5): -1
                      (2,6): -1
                                 (2,7):2
                                            (2,8):2
                                                       (2,9):-1
(3,4):1
           (3,5):-1
                      (3,6):1
                                 (3,7):-2
                                            (3,8):3
                                                       (3,9):0
(4,7):-1
           (4,8): -2
                      (4,9):2
                                 (5,7):1
                                            (5,8):3
                                                       (5,9):2
(6,7):1
           (6,8): -1
                      (6,9):1
```

1915. Inequality 1915 with incidence 27 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):1
           (1,5):2
                      (1,6): -1
                                 (1,7):1
                                            (1,8):1
                                                       (1,9): -2
(2,4):-4
                                                       (2,9):2
           (2,5):1
                      (2,6): -1
                                 (2,7):3
                                            (2,8):3
(3,4):-1
           (3,5):1
                                 (3,7):-3
                                                       (3,9):1
                      (3,6):2
                                            (3,8):4
(4,7):2
           (4,8):3
                      (4,9):3
                                 (5,7):-1
                                            (5,8):-4
                                                       (5,9):3
(6,7):2
           (6,8): -1
                      (6,9):-1
```

1916. Inequality 1916 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):1
           (1,5):2
                                 (1,7):-1
                                            (1,8): -1
                                                       (1,9): -2
(1,4):1
(2,4):3
           (2,5): -1
                      (2,6): -1
                                 (2,7):2
                                            (2,8):2
                                                       (2,9):-1
                                 (3,7):-2
(3,4):1
          (3,5):-1
                      (3,6):1
                                            (3.8):3
                                                       (3,9):0
(4,7):-1
           (4,8): -2
                      (4,9):2
                                 (5,7):2
                                            (5,8):2
                                                       (5,9):2
(6,7):0
           (6,8):0
                      (6,9):1
```

1917. Inequality 1917 with incidence 27 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,6): \overline{3}
                                  (1,7):1
                                                        (1,9):-1
(1,4):1
           (1,5):3
                                             (1,8):1
          (2,5): -2
                                  (2,7):-3
                                             (2,8):4
                                                        (2,9): -2
(2,4):4
                       (2,6):1
(3,4):2
           (3,5):3
                                  (3,7):4
                                             (3,8):3
                                                        (3,9): -3
                      (3,6): -3
(4,7):2
          (4,8):-4
                      (4,9):3
                                  (5,7):-3
                                             (5,8):3
                                                         (5,9):4
(6,7):1
          (6,8): -1
                      (6,9): -1
```

1918. Inequality 1918 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-2
           (1,5): -2
                     (1,6):2
                                (1,7):2
                                           (1,8):2
                                                      (1,9):2
                                                     (2,9):-3
                     (2,6):2
                                (2,7):3
(2,4):-1
           (2,5):5
                                           (2,8):4
(3,4):0
          (3,5): -2
                     (3,6):2
                                (3,7):-5
                                           (3,8):4
                                                      (3,9):1
(4,7):3
                                (5,7):-3
           (4,8):3
                     (4,9):3
                                          (5,8): -2
                                                      (5,9):4
(6,7):0
           (6,8): -3
                     (6,9):1
```

1919. Inequality 1919 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):-2
(1,4):1
           (1,5): -2
                      (1,6):2
                                            (1,8):-1
                                                       (1,9):2
(2,4):-2
                                            (2,8):2
           (2,5):1
                      (2,6):1
                                 (2,7):3
                                                       (2,9):1
(3,4):0
                                 (3,7):-3
           (3,5):2
                      (3,6):2
                                            (3,8):4
                                                       (3,9):-1
(4,7):3
           (4,8):2
                      (4,9):2
                                 (5,7):-2
                                            (5,8): -2
                                                       (5,9):3
(6,7):1
           (6,8): -1
                      (6,9): -1
```

1920. Inequality 1920 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):4
                     (1,6): -2
                                 (1,7):3
                                            (1,8):1
                                                       (1,9):-4
           (2,5):3
(2,4):-4
                                 (2,7):4
                                                       (2,9):2
                      (2,6):1
                                            (2,8):4
(3,4):1
           (3,5):2
                      (3,6):2
                                 (3,7):-4
                                            (3,8):5
                                                       (3,9): -2
(4,7):2
           (4,8):3
                      (4,9):4
                                 (5,7):-4
                                           (5,8):-4
                                                       (5,9):3
(6,7):1
           (6,8): -1
                     (6,9):-1
```

1921. Inequality 1921 with incidence 27 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,7):1
(1,4):1
           (1,5):3
                      (1,6):3
                                             (1,8):1
                                                       (1,9): -3
(2,4):-1
                                 (2,7):3
                                            (2,8):3
                                                       (2,9):-1
           (2,5):4
                      (2,6): -2
(3,4):-1
           (3,5): -2
                      (3,6):2
                                 (3,7): -3
                                            (3,8):3
                                                       (3,9):1
(4,7):2
           (4,8):2
                      (4,9):3
                                 (5,7):-4
                                            (5,8): -2
                                                        (5,9):3
           (6,8):-1
                      (6,9):1
(6,7):1
```

1922. Inequality 1922 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):4
                      (1,6):3
                                 (1,7):-1
                                             (1,8):1
                                                       (1,9): -4
(1,4):3
(2,4):-3
           (2,5):6
                      (2,6): -2
                                 (2,7):6
                                            (2,8):6
                                                       (2,9):-1
           (3,5): -3
(3,4): -3
                      (3,6):4
                                 (3,7): -6
                                            (3,8):6
                                                        (3,9):2
(4,7):3
           (4,8):4
                      (4,9):4
                                 (5,7):-5
                                            (5,8):-4
                                                        (5,9):4
(6,7):3
           (6,8): -1
                      (6,9):1
```

1923. Inequality 1923 with incidence 27 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):1
           (1,5):3
                      (1,6):2
                                  (1,7):1
                                                       (1,9): -2
                                            (1,8):-1
(2,4): -2
           (2,5):4
                      (2,6): -1
                                 (2,7):3
                                             (2,8):3
                                                       (2,9):-1
(3,4):-1
           (3,5):-1
                      (3,6):3
                                 (3,7): -3
                                             (3,8):3
                                                       (3,9):-1
(4,7):1
           (4,8):3
                      (4,9):2
                                 (5,7):-4
                                            (5,8):-1
                                                        (5,9):3
(6,7):2
           (6,8): -1
                      (6,9):1
```

1924. Inequality 1924 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):3
                      (1,6):2
                                 (1,7):1
                                            (1,8): -1
                                                       (1,9): -3
(2,4):-3
           (2,5):5
                                                       (2,9):-1
                      (2,6): -1
                                 (2,7):4
                                            (2,8):4
(3,4):-2
           (3,5):-1
                                 (3,7):-4
                                                       (3,9):-1
                      (3,6):4
                                            (3,8):4
                                            (5,8):-2
                                 (5,7):-5
(4,7):1
           (4,8):5
                      (4,9):3
                                                       (5,9):4
(6,7):3
           (6,8): -2
                      (6,9):2
```

1925. Inequality 1925 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):3
                     (1,6):3
                                (1,7):-1
                                                     (1,9):-4
(1,4):4
                                           (1,8):1
(2,4): -6
           (2,5):2
                     (2,6):3
                                (2,7):6
                                           (2,8):6
                                                      (2,9):1
                                (3,7): -6
                                                      (3,9):2
(3,4):-3
           (3,5): -3
                     (3,6):4
                                           (3.8):6
(4,7):4
           (4,8):5
                     (4,9):4
                                (5,7):-4
                                          (5,8): -2
                                                      (5,9):4
           (6,8):-4
                     (6,9):1
(6,7):1
```

1926. Inequality 1926 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6): \overline{3}
                                  (1,7):0
(1,4):1
            (1,5):3
                                              (1,8):2
                                                         (1,9):-3
(2,4):-3
            (2,5):3
                                                         (2,9):1
                       (2,6): -1
                                  (2,7):4
                                              (2,8):4
(3,4):-1
           (3,5): -3
                                  (3,7):-4
                                              (3,8):4
                                                         (3,9):1
                       (3,6):3
(4,7):2
            (4,8):3
                       (4,9):2
                                  (5,7):-4
                                                         (5,9):3
                                             (5,8):-2
                       (6,9):2
(6,7):2
           (6,8): -3
```

1927. Inequality 1927 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4): -6
           (1,5): -4
                      (1,6): -1
                                  (1,7):5
                                             (1,8):1
                                                        (1,9):5
(2,4):-4
           (2,5):7
                      (2,6):1
                                  (2,7):6
                                             (2,8):7
                                                        (2,9): -3
(3,4):-1
           (3,5):-1
                      (3,6):3
                                 (3,7): -8
                                             (3,8):8
                                                        (3,9):3
(4,7):8
           (4,8):6
                       (4,9):5
                                 (5,7): -3
                                             (5,8): -6
                                                        (5,9):7
(6,7):2
           (6,8): -2
                      (6,9): -1
```

1928. Inequality 1928 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):1
                      (1,6):4
                                 (1,7):-3
                                           (1,8):2
                                                      (1,9):-3
(2,4):-5
                                           (2,8):6
           (2,5): -6
                      (2,6):1
                                 (2,7):5
                                                      (2,9):1
(3,4):-1
                                (3,7):-4
                                                      (3,9):3
           (3,5): -3
                      (3,6):1
                                           (3,8):4
                                                      (5,9):7
(4,7):4
           (4,8):5
                      (4,9): -4
                                 (5,7):3
                                           (5,8):6
(6,7):3
           (6,8): -3
                      (6,9):2
```

1929. Inequality 1929 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5):2
                     (1,6):5
                                (1,7):4
                                           (1,8): -2
                                                      (1,9):-4
(2,4): -7
           (2,5):8
                     (2,6): -1
                                (2,7):7
                                            (2,8):8
                                                      (2,9):-1
(3,4):-1
           (3,5):5
                     (3,6):-1
                                (3,7):-5
                                            (3,8):6
                                                      (3,9):-4
(4,7):6
           (4,8):7
                     (4,9):6
                                (5,7):-4
                                           (5,8):-9
                                                      (5,9):10
(6,7): -4
           (6,8):4
                     (6,9):3
```

1930. Inequality 1930 with incidence 27 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):-1
           (1,5): -1
                      (1,6): -1
                                 (1,7):1
                                             (1,8):1
                                                        (1,9):1
(2,4):-1
           (2,5):3
                                 (2,7):1
                                            (2,8):1
                                                       (2,9):0
                      (2,6): -2
(3,4):-1
           (3,5):2
                      (3,6):2
                                 (3,7):-1
                                            (3,8):3
                                                       (3,9):-1
(4,7):1
           (4,8):2
                      (4,9):2
                                 (5,7):-1
                                            (5,8): -2
                                                       (5,9):3
(6,7):1
           (6,8):-1
                      (6,9):1
```

1931. Inequality 1931 with incidence 27 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,5): -1
                      (1,6): -1
                                  (1,7):0
                                             (1,8):1
                                                        (1,9):2
(1,4):-1
                                  (2,7):5
                                                        (2,9):-2
(2,4):-3
           (2,5):5
                      (2,6): -1
                                             (2,8):4
(3,4):-1
           (3,5):3
                      (3,6):1
                                 (3,7): -3
                                             (3,8):4
                                                        (3,9): -2
(4,7):2
           (4,8):4
                       (4,9):3
                                 (5,7): -2
                                             (5,8):-4
                                                        (5,9):5
(6,7):2
           (6,8): -1
                       (6,9):0
```

1932. Inequality 1932 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-1
           (1,5): -1
                      (1,6): -1
                                  (1,7):0
                                             (1,8):1
                                                        (1,9):2
(2,4):-4
           (2,5):6
                      (2,6): -2
                                  (2,7):6
                                             (2,8):4
                                                        (2,9): -2
(3,4):-1
           (3,5):3
                       (3,6):2
                                 (3,7): -3
                                             (3,8):5
                                                        (3,9): -2
(4,7):3
           (4,8):5
                       (4,9):4
                                 (5,7): -3
                                             (5,8):-5
                                                        (5,9):6
(6,7):3
           (6,8): -2
                       (6,9):0
```

1933. Inequality 1933 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):3
                      (1,6):2
                                 (1,7):1
                                            (1,8): -1
                                                       (1,9): -3
(2,4):-3
           (2,5):6
                                                       (2,9):-2
                      (2,6): -2
                                 (2,7):5
                                            (2,8):4
                                 (3,7):-4
(3,4):-2
           (3,5):1
                                                       (3,9):-2
                      (3,6):3
                                            (3,8):4
                                            (5,8):-3
           (4,8):5
                                 (5,7):-4
(4,7):1
                      (4,9):3
                                                       (5,9):5
(6,7):3
           (6,8): -1
                      (6,9):1
```

1934. Inequality 1934 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-3
           (1,5):2
                      (1,6):10
                                  (1,7):-5
                                             (1,8):7
                                                        (1,9):-7
(2,4): -6
           (2,5):8
                      (2,6): -3
                                  (2,7):9
                                             (2,8):6
                                                        (2,9): -2
                                  (3,7):-1
(3,4): -6
           (3,5): -7
                      (3,6): -3
                                             (3.8):7
                                                        (3,9):10
(4,7):3
           (4,8):9
                       (4,9):3
                                  (5,7): -8
                                             (5,8): -1
                                                        (5,9):10
(6,7):8
           (6,8): -4
                       (6,9):8
```

1935. Inequality 1935 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):5
                                 (1,7):-3
(1,4): -1
           (1,5):1
                                            (1,8):4
                                                       (1,9):-4
           (2,5):5
                                                       (2,9):-1
(2,4):-4
                      (2,6): -1
                                 (2,7):5
                                            (2,8):4
(3,4):-4
           (3,5): -4
                                 (3,7):-1
                                            (3,8):4
                                                       (3,9):6
                      (3,6): -1
(4,7):2
           (4,8):6
                      (4,9):3
                                 (5,7):-5
                                                       (5,9):6
                                            (5,8):-1
                      (6,9):4
(6,7):4
           (6,8): -3
```

1936. Inequality 1936 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):3
           (1,5): -2
                      (1,6):3
                                 (1,7): -3
                                            (1,8):1
                                                       (1,9):0
(2,4):0
           (2,5):3
                      (2,6):1
                                 (2,7):2
                                            (2,8):2
                                                      (2,9): -2
(3,4):-3
           (3,5):1
                      (3,6):3
                                (3,7):-1
                                            (3,8):4
                                                       (3,9):2
(4,7):3
                      (4,9):5
                                (5,7):-3
           (4,8):2
                                            (5,8):-3
                                                       (5,9):4
(6,7):2
           (6,8):-4
                      (6,9): -1
```

1937. Inequality 1937 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):1
                                                       (1,9): -2
(1,4):2
           (1,5):2
                      (1,6): -2
                                            (1,8):1
(2,4):-5
                      (2,6): -3
                                            (2,8):2
           (2,5):1
                                 (2,7):4
                                                       (2,9):3
(3,4): -2
                                 (3,7):-2
           (3,5):1
                      (3,6):2
                                            (3,8):4
                                                       (3,9):1
(4,7):2
           (4,8):3
                      (4,9):4
                                 (5,7):-2
                                            (5,8):-3
                                                       (5,9):3
(6,7):3
           (6,8): -1
                      (6,9):1
```

1938. Inequality 1938 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):3
           (1,5):5
                      (1,6): -3
                                 (1,7):2
                                            (1,8):2
                                                       (1,9):-5
                      (2,6):-5
                                 (2,7):7
(2,4):-9
           (2,5):1
                                                       (2,9):6
                                            (2,8):4
(3,4):-4
           (3,5):3
                      (3,6):4
                                 (3,7):-4
                                            (3,8):8
                                                       (3,9):1
(4,7):3
           (4,8):6
                      (4,9):7
                                (5,7):-3
                                            (5,8): -6
                                                       (5,9):6
(6,7):5
           (6,8): -2
                      (6,9):1
```

1939. Inequality 1939 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):3
           (1,5):4
                      (1,6):3
                                 (1,7):-1
                                             (1,8): -1
                                                        (1,9): -4
(2,4):8
           (2,5):-1
                                 (2,7):6
                                             (2,8):3
                                                        (2,9):-5
                      (2,6): -5
(3,4):3
           (3,5): -2
                      (3,6):3
                                 (3,7): -3
                                             (3,8):6
                                                        (3,9):-1
(4,7): -3
           (4,8): -5
                      (4,9):6
                                 (5,7):3
                                             (5,8):5
                                                        (5,9):5
           (6,8): -2
                      (6,9):-1
(6,7):4
```

1940. Inequality 1940 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):6
                      (1,6): -3
                                 (1,7):3
                                             (1,8):3
                                                       (1,9): -5
(1,4):2
(2,4):7
                                 (2,7):-3
           (2,5):1
                      (2,6):4
                                            (2,8): -3
                                                       (2,9):-4
(3,4):-4
           (3,5):2
                      (3,6):4
                                 (3,7):-3
                                            (3,8):7
                                                       (3,9):2
(4,7):3
           (4,8):5
                      (4,9):7
                                 (5,7): -3
                                            (5,8):-5
                                                        (5,9):5
(6,7):3
           (6,8): -1
                      (6,9): -1
```

1941. Inequality 1941 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):4
                      (1,6): -2
                                  (1,7):2
                                             (1,8):2
                                                        (1,9): -4
(2,4):5
           (2,5):1
                      (2,6):3
                                 (2,7):-2
                                            (2,8): -2
                                                        (2,9): -3
(3,4):-3
           (3,5):1
                      (3,6):3
                                 (3,7):-2
                                             (3,8):5
                                                        (3,9):2
(4,7):3
           (4,8):3
                      (4,9):6
                                 (5,7): -3
                                            (5,8): -3
                                                        (5,9):4
           (6,8): -1
(6,7):2
                      (6,9): -1
```

1942. Inequality 1942 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):3
           (1,5):4
                      (1,6):3
                                 (1,7):1
                                            (1,8): -2
                                                       (1,9):-5
           (2,5): -5
(2,4):5
                      (2,6):1
                                 (2,7):5
                                            (2,8):5
                                                       (2,9):-1
(3,4):4
           (3,5):3
                                 (3,7):-5
                      (3,6): -4
                                            (3,8):5
                                                       (3,9): -3
(4,7): -3
           (4,8): -4
                      (4,9):5
                                 (5,7):4
                                            (5,8):4
                                                       (5,9):4
(6,7): -2
           (6,8):2
                      (6,9):2
```

1943. Inequality 1943 with incidence 27 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,5):4
                      (1,6):3
                                 (1,7):1
                                                       (1,9):-4
(1,4):3
                                            (1,8): -1
(2,4):-4
           (2,5):6
                      (2,6): -1
                                 (2,7):5
                                            (2,8):5
                                                       (2,9):-1
                                 (3,7):-5
(3,4):-3
           (3,5): -2
                      (3,6):6
                                            (3,8):5
                                                       (3,9):-1
(4,7):1
           (4,8):6
                      (4,9):3
                                 (5,7): -6
                                            (5,8): -2
                                                       (5,9):4
           (6,8): -3
                      (6,9):3
(6,7):4
```

1944. Inequality 1944 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):3
                                 (1,7):1
                                                       (1,9):-5
(1,4):4
           (1,5):5
                                            (1,8): -2
(2,4):-4
           (2,5):8
                                                       (2,9):-2
                      (2,6): -2
                                 (2,7):6
                                            (2,8):6
                      (3,6):6
(3,4):-3
           (3,5): -1
                                 (3,7): -6
                                            (3,8):6
                                                       (3,9): -2
(4,7):1
           (4,8):8
                      (4,9):4
                                 (5,7):-7
                                            (5,8):-3
                                                       (5,9):6
                      (6,9):3
(6,7):5
           (6,8): -3
```

1945. Inequality 1945 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-4
          (1,5): -2
                      (1,6):2
                                 (1,7):2
                                            (1,8):2
                                                       (1,9):4
(2,4):2
           (2,5):4
                      (2,6):3
                                 (2,7):1
                                            (2,8):1
                                                      (2,9): -3
(3,4):0
          (3,5): -3
                      (3,6):3
                                (3,7):-4
                                            (3,8):2
                                                       (3,9):2
(4,7):2
                                (5,7):-2
           (4,8):4
                      (4,9):4
                                            (5,8):-3
                                                       (5,9):6
(6,7):1
          (6,8): -2
                      (6,9): -1
```

1946. Inequality 1946 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):6
                                                       (1,9):9
(1,4):-7
           (1,5): -3
                      (1,6): -6
                                            (1,8):1
(2,4):-1
                                                       (2,9):-4
           (2,5):8
                      (2,6): -3
                                 (2,7):5
                                            (2,8):5
(3,4):-5
           (3,5):3
                                 (3,7):-5
                      (3,6):3
                                            (3,8):8
                                                       (3,9):2
(4,7):2
           (4,8):8
                      (4,9):7
                                 (5,7): -2
                                            (5,8):-7
                                                       (5,9):7
(6,7):6
           (6,8): -3
                      (6,9):3
```

1947. Inequality 1947 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4): -6
           (1,5): -2
                      (1,6): -5
                                  (1,7):5
                                             (1,8):1
                                                        (1,9):7
(2,4):-1
           (2,5):7
                      (2,6): -2
                                 (2,7):5
                                                       (2,9):-4
                                            (2,8):5
(3,4):-5
           (3,5):2
                      (3,6):5
                                 (3,7):-5
                                            (3,8):8
                                                       (3,9):1
(4,7):1
           (4,8):7
                      (4,9):6
                                 (5,7):-3
                                            (5,8): -6
                                                        (5,9):6
(6,7):7
                      (6,9):2
           (6,8): -3
```

1948. Inequality 1948 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-2
           (1,5):1
                      (1,6):5
                                 (1,7): -2
                                            (1,8):4
                                                      (1,9): -4
(2,4):-3
           (2,5):4
                      (2,6): -2
                                 (2,7):5
                                            (2,8):3
                                                      (2,9):-1
(3,4):-3
           (3,5): -4
                      (3,6): -1
                                 (3,7):-1
                                            (3,8):4
                                                       (3,9):5
(4,7):2
           (4,8):5
                      (4,9):1
                                 (5,7):-4
                                            (5,8):0
                                                       (5,9):5
(6,7):4
           (6,8): -2
                      (6,9):4
```

1949. Inequality 1949 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):4
                      (1,6): -2
                                 (1,7):2
                                            (1,8):2
                                                       (1,9): -4
(1,4):2
(2,4):-7
                                 (2,7):6
                                                       (2,9):5
           (2,5):1
                      (2,6):-4
                                            (2,8):3
(3,4): -4
           (3,5):2
                      (3,6):4
                                 (3,7):-4
                                            (3,8):7
                                                       (3,9):1
(4,7):2
           (4,8):5
                      (4,9):6
                                 (5,7): -3
                                            (5,8):-5
                                                       (5,9):5
(6,7):5
           (6,8): -2
                      (6,9):1
```

1950. Inequality 1950 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):2
                      (1,6):2
                                  (1,7):0
                                            (1,8): -1
                                                       (1,9): -3
(2,4):5
           (2,5): -1
                      (2,6): -3
                                 (2,7):4
                                            (2,8):2
                                                       (2,9): -3
(3,4):2
           (3,5):-1
                      (3,6):2
                                 (3,7):-2
                                            (3,8):4
                                                       (3,9):-1
(4,7):-2
           (4,8): -3
                      (4,9):4
                                 (5,7):2
                                            (5,8):3
                                                        (5,9):3
(6,7):2
           (6,8): -1
                      (6,9):0
```

1951. Inequality 1951 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):4
(1,4):1
           (1,5):5
                      (1,6): -4
                                            (1,8):1
                                                       (1,9): -5
(2,4):4
           (2,5):2
                                 (2,7):-1
                                                       (2,9):-3
                      (2,6):3
                                            (2,8):-1
(3,4):-3
           (3,5):2
                                 (3,7):-1
                      (3,6):3
                                            (3,8):4
                                                       (3,9):1
(4,7):3
           (4,8):3
                      (4,9):6
                                 (5,7): -3
                                            (5,8): -3
                                                       (5,9):5
(6,7):4
           (6,8): -2
                      (6,9): -2
```

1952. Inequality 1952 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):3
           (1,5):5
                      (1,6): -3
                                 (1,7):2
                                            (1,8):3
                                                       (1,9): -6
(2,4):6
           (2,5):2
                      (2,6):4
                                 (2,7):-2
                                           (2,8):-2
                                                       (2,9):-4
(3,4):-4
           (3,5):1
                      (3,6):4
                                 (3,7):-2
                                            (3,8):6
                                                       (3,9):3
(4,7):4
           (4,8):3
                      (4,9):8
                                 (5,7):-4
                                           (5,8): -3
                                                       (5,9):5
(6,7):2
           (6,8): -1
                      (6,9): -2
```

1953. Inequality 1953 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):4
                                                          (1,9): -10
(1,4):8
            (1,5):8
                        (1,6):4
                                               (1,8): -2
                                                           (2,9):1
(2,4): -10
            (2,5):8
                       (2,6):1
                                   (2,7):9
                                               (2,8):9
(3,4):-3
            (3,5):-4
                       (3,6):11
                                   (3,7): -9
                                               (3,8):9
                                                          (3,9): -4
                                  (5,7): -12
(4,7):2
                       (4,9):8
                                                          (5,9):6
           (4,8):11
                                              (5,8):-2
(6,7):6
            (6,8):-7
                       (6,9):7
```

1954. Inequality 1954 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):4
           (1,5):6
                      (1,6):4
                                 (1,7):2
                                            (1,8): -2
                                                       (1,9): -6
(2,4): -6
           (2,5):8
                                 (2,7):7
                                             (2,8):7
                                                       (2,9):-1
                      (2,6): -1
(3,4):-4
           (3,5): -3
                      (3,6):9
                                 (3,7):-7
                                             (3,8):7
                                                       (3,9): -2
(4,7):2
           (4,8):8
                      (4,9):4
                                 (5,7):-9
                                            (5,8): -2
                                                        (5,9):6
                      (6,9):5
(6,7):5
           (6,8):-4
```

1955. Inequality 1955 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):4
                                  (1,7):1
(1,4):4
                      (1,6):2
                                             (1,8): -2
                                                        (1,9): -5
(2,4):-4
           (2,5):6
                      (2,6): -1
                                  (2,7):5
                                             (2,8):5
                                                        (2,9):-1
(3,4): -2
           (3,5):-1
                                 (3,7):-5
                      (3,6):5
                                             (3,8):5
                                                        (3,9): -2
(4,7):1
           (4,8):7
                       (4,9):4
                                 (5,7): -6
                                             (5,8): -2
                                                        (5,9):5
(6,7):4
           (6,8): -3
                       (6,9):3
```

1956. Inequality 1956 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):3
                      (1,6):2
                                 (1,7):1
                                            (1,8):-1
                                                       (1,9):-3
           (2,5):4
                      (2,6): -1
(2,4): -2
                                 (2,7):3
                                            (2,8):3
                                                       (2,9):-1
(3,4):-1
           (3,5):-1
                      (3,6):3
                                 (3,7): -3
                                            (3,8):3
                                                       (3,9):-1
(4,7):1
           (4,8):4
                      (4,9):2
                                 (5,7):-4
                                            (5,8):-1
                                                       (5,9):3
(6,7):2
           (6,8): -2
                      (6,9):2
```

1957. Inequality 1957 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4): -6
           (1,5): -3
                      (1,6): -4
                                 (1,7):5
                                            (1,8):1
                                                       (1,9):7
(2,4):-1
           (2,5):6
                                 (2,7):4
                                            (2,8):4
                                                       (2,9):-3
                      (2,6): -2
(3,4):-4
           (3,5):2
                      (3,6):2
                                 (3,7):-4
                                            (3,8):6
                                                       (3,9):2
(4,7):2
           (4,8):6
                      (4,9):5
                                 (5,7):-1
                                            (5,8):-5
                                                       (5,9):5
           (6,8): -2
                      (6,9):2
(6,7):4
```

1958. Inequality 1958 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):3
                      (1,6):6
                                 (1,7):-5
                                             (1,8):0
                                                       (1,9): -8
(1,4):6
(2,4):-1
           (2,5):7
                                 (2,7):4
                                                       (2,9):-3
                      (2,6): -3
                                            (2,8):4
(3,4): -4
           (3,5):2
                      (3,6):2
                                 (3,7):-4
                                            (3,8):6
                                                       (3,9):2
(4,7):2
           (4,8):7
                      (4,9):6
                                 (5,7): -2
                                            (5,8): -6
                                                        (5,9):6
(6,7):5
           (6,8): -3
                      (6,9):3
```

1959. Inequality 1959 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-4
           (1,5): -1
                      (1,6): -3
                                  (1,7):3
                                             (1,8):1
                                                        (1,9):4
(2,4):-1
           (2,5):5
                      (2,6): -2
                                  (2,7):3
                                             (2,8):3
                                                        (2,9): -2
(3,4):-3
           (3,5):2
                      (3,6):4
                                 (3,7): -3
                                             (3,8):5
                                                        (3,9):-1
(4,7):1
           (4,8):5
                      (4,9):4
                                 (5,7): -3
                                            (5,8):-4
                                                        (5,9):5
                      (6,9):2
(6,7):5
           (6,8): -2
```

1960. Inequality 1960 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4): -8
           (1,5): -3
                      (1,6): -6
                                 (1,7):7
                                             (1,8):1
                                                        (1,9):9
(2,4):-1
                      (2,6): -2
                                                        (2,9):-5
           (2,5):8
                                 (2,7):6
                                             (2,8):6
(3,4): -6
           (3,5):2
                                 (3,7): -6
                                                        (3,9):2
                      (3,6):6
                                            (3,8):10
(4,7):2
                                                        (5,9):7
           (4,8):8
                      (4,9):7
                                 (5,7):-3
                                            (5,8):-7
           (6,8): -4
                      (6,9):2
(6,7):8
```

1961. Inequality 1961 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):-3
           (1,5): -2
                      (1,6):3
                                            (1,8):2
(1,4):3
                                                       (1,9):1
(2,4):1
           (2,5):4
                      (2,6):2
                                 (2,7):3
                                            (2,8):4
                                                       (2,9): -2
                                (3,7):-1
                                                       (3,9):2
(3,4):-3
           (3,5):1
                      (3,6):3
                                            (3.8):4
(4,7):3
           (4,8):0
                      (4,9):4
                                (5,7):-3
                                           (5,8): -3
                                                       (5,9):3
           (6,8):-5
                      (6,9): -2
(6,7):1
```

1962. Inequality 1962 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):3
(1,4):2
           (1,5):5
                      (1,6): -2
                                            (1,8):2
                                                      (1,9):-4
(2,4):-8
           (2,5):2
                                                       (2,9):6
                      (2,6): -5
                                 (2,7):8
                                            (2,8):3
(3,4): -5
           (3,5):2
                      (3,6):5
                                (3,7):-5
                                            (3,8):8
                                                       (3,9):1
(4,7):2
           (4,8):6
                      (4,9):7
                                (5,7):-5
                                           (5,8): -6
                                                       (5,9):6
                      (6,9):2
(6,7):7
           (6,8): -3
```

1963. Inequality 1963 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):2
                      (1,6):1
                                 (1,7):-1
                                            (1,8):-1
                                                       (1,9): -2
(2,4):3
          (2,5): -1
                     (2,6): -1
                                 (2,7):2
                                            (2,8):2
                                                       (2,9):-1
(3,4):2
          (3,5):-1
                      (3,6):1
                                 (3,7): -2
                                            (3,8):3
                                                       (3,9):-1
(4,7):0
          (4,8): -2
                      (4,9):2
                                 (5,7):2
                                            (5,8):2
                                                       (5,9):2
                      (6,9):2
(6,7):-1
           (6,8):0
```

1964. Inequality 1964 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):5
                                (1,7):2
                                           (1,8):-1
                                                      (1,9): -6
           (1,5):5
                     (1,6):3
(2,4):-7
           (2,5):5
                     (2,6):1
                                (2,7):6
                                           (2,8):6
                                                      (2,9):1
(3,4):-2
           (3,5): -3
                                (3,7): -6
                                                      (3,9):-2
                     (3,6):7
                                           (3,8):6
(4,7):2
           (4,8):7
                     (4,9):5
                                (5,7): -8
                                           (5,8):-1
                                                      (5,9):4
(6,7):4
           (6,8):-5
                     (6,9):4
```

1965. Inequality 1965 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):7
           (1,5):7
                      (1,6):3
                                 (1,7):4
                                            (1,8): -2
                                                       (1,9): -9
           (2,5):7
(2,4): -8
                      (2,6):1
                                 (2,7):7
                                             (2,8):8
                                                        (2,9):1
(3,4): -2
           (3,5): -3
                      (3,6):9
                                 (3,7):-7
                                             (3,8):7
                                                       (3,9):-4
(4,7):1
           (4,8):9
                      (4,9):7
                                (5,7): -10
                                            (5,8):-2
                                                        (5,9):5
(6,7):5
                      (6,9):6
           (6,8): -6
```

1966. Inequality 1966 with incidence 27 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):6
           (1,5):6
                     (1,6):4
                                (1,7):3
                                          (1,8):-1
                                                     (1,9): -8
(2,4):-8
           (2,5):6
                                (2,7):7
                                           (2,8):7
                                                      (2,9):1
                     (2,6):1
(3,4):-2
          (3,5):-4
                     (3,6):9
                                (3,7):-7
                                           (3,8):7
                                                     (3,9):-3
(4,7):2
           (4,8):8
                     (4,9):6
                                (5,7):-9
                                          (5,8):-1
                                                      (5,9):4
(6,7):4
           (6,8): -6
                     (6,9):6
```

1967. Inequality 1967 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):4
           (1,5):4
                     (1,6):2
                                (1,7):2
                                           (1,8):-1
                                                     (1,9):-5
(2,4):-5
                     (2,6):2
                                (2,7):3
                                                      (2,9):2
           (2,5):4
                                           (2,8):6
(3,4):-1
          (3,5): -2
                     (3,6):4
                                (3,7): -3
                                           (3,8):5
                                                     (3,9): -3
(4,7):1
           (4,8):5
                     (4,9):4
                                (5,7):-5
                                          (5,8):-1
                                                      (5,9):2
(6,7):2
           (6,8):-4
                     (6,9):2
```

1968. Inequality 1968 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):5
           (1,5):5
                      (1,6):2
                                (1,7):3
                                           (1,8): -1
                                                      (1,9): -6
(2,4): -6
           (2,5):5
                      (2,6):2
                                (2,7):4
                                           (2,8):7
                                                      (2,9):2
(3,4):-1
           (3,5): -2
                      (3,6):5
                                (3,7):-4
                                           (3,8):5
                                                      (3,9):-3
(4,7):1
                                           (5,8):-2
                                                      (5,9):3
           (4,8):6
                     (4,9):5
                                (5,7):-7
                     (6,9):3
(6,7):3
           (6,8):-5
```

1969. Inequality 1969 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):6
           (1,5):6
                     (1,6):4
                                (1,7):4
                                          (1,8): -1
                                                     (1,9): -9
(2,4):-7
           (2,5):6
                                (2,7):5
                                                      (2,9):2
                     (2,6):2
                                           (2,8):8
(3,4):-1
           (3,5):-4
                                (3,7):-5
                                                     (3,9):-5
                     (3,6):8
                                           (3,8):7
                                          (5,8):-1
(4,7):1
                     (4,9):6
                                (5,7):-7
                                                      (5,9):2
           (4,8):7
(6,7):2
           (6,8): -6
                     (6,9):6
```

1970. Inequality 1970 with incidence 27 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):3
           (1,5):4
                      (1,6):2
                                 (1,7):1
                                            (1,8):-2
                                                       (1,9):-4
(2,4):-3
           (2,5):5
                      (2,6): -1
                                 (2,7):4
                                            (2,8):4
                                                       (2,9):-1
                                 (3,7):-4
(3,4): -2
           (3,5): -1
                      (3,6):5
                                            (3.8):4
                                                       (3,9):-2
                      (4,9):2
(4,7):1
           (4,8):5
                                 (5,7):-5
                                            (5,8): -1
                                                       (5,9):4
(6,7):3
           (6,8): -2
                      (6,9):3
```

1971. Inequality 1971 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6): \overline{4}
                                                            (1,9): -\overline{6}
                                    (1,7):-4
(1,4):5
            (1,5):3
                                                (1,8):0
(2,4):-1
            (2,5):5
                                                            (2,9):-2
                        (2,6): -2
                                    (2,7):3
                                                (2,8):3
            (3,5):1
                        (3,6):1
(3,4):-3
                                    (3,7):-3
                                                (3,8):4
                                                            (3,9):2
(4,7):2
            (4,8):5
                        (4,9):4
                                    (5,7):-1
                                                            (5,9):4
                                                (5,8):-4
                        (6,9):2
(6,7):3
            (6,8): -2
```

1972. Inequality 1972 with incidence 27 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):-3
           (1,5): -1
                      (1,6): -2
                                 (1,7):2
                                            (1,8):1
                                                        (1,9):3
(2,4):-1
           (2,5):4
                      (2,6): -2
                                 (2,7):3
                                            (2,8):2
                                                       (2,9): -2
(3,4): -2
           (3,5):2
                      (3,6):3
                                 (3,7):-2
                                            (3,8):4
                                                       (3,9):-1
                                 (5,7):-2
(4,7):1
           (4,8):4
                      (4,9):3
                                            (5,8):-3
                                                       (5,9):4
           (6,8): -2
(6,7):4
                      (6,9):1
```

1973. Inequality 1973 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):4
                                                        (1,9):6
(1,4):-5
           (1,5): -2
                      (1,6): -4
                                             (1,8):1
(2,4):-1
           (2,5):5
                      (2,6): -1
                                 (2,7):4
                                             (2,8):4
                                                       (2,9): -3
(3,4): -4
                                 (3,7):-4
           (3,5):1
                      (3,6):4
                                             (3,8):6
                                                        (3,9):1
                                                        (5,9):4
(4,7):1
           (4,8):5
                      (4,9):4
                                 (5,7):-2
                                            (5,8):-4
(6,7):5
           (6,8): -2
                      (6,9):2
```

1974. Inequality 1974 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):4
           (1,5):2
                      (1,6):3
                                 (1,7):-3
                                            (1,8):0
                                                       (1,9): -4
(2,4):-1
           (2,5):4
                      (2,6): -1
                                 (2,7):3
                                            (2,8):3
                                                       (2,9): -2
(3,4):-3
           (3,5):0
                                 (3,7):-3
                                            (3,8):4
                                                       (3,9):1
                      (3,6):3
(4,7):1
           (4,8):4
                      (4,9):3
                                 (5,7):-2
                                            (5,8):-3
                                                       (5,9):3
(6,7):4
           (6,8): -2
                      (6,9):1
```

1975. Inequality 1975 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):9
            (1,5):9
                        (1,6):3
                                    (1,7):6
                                               (1,8): -2
                                                          (1,9): -11
(2,4): -10
            (2,5):9
                        (2,6):3
                                   (2,7):7
                                               (2,8):10
                                                           (2,9):1
            (3,5):-5
(3,4):-1
                       (3,6):11
                                   (3,7): -7
                                               (3,8):8
                                                           (3,9): -6
(4,7):1
            (4,8):10
                        (4,9):9
                                   (5,7): -12
                                               (5,8): -2
                                                           (5,9):5
(6,7):5
            (6,8): -8
                        (6,9):8
```

1976. Inequality 1976 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):5
(1,4):5
                     (1,6):3
                                (1,7):2
                                           (1,8):-1
                                                     (1,9): -6
(2,4):-7
           (2,5):5
                     (2,6):3
                                (2,7):4
                                           (2,8):7
                                                      (2,9):2
(3,4):-2
           (3,5):-4
                     (3,6):6
                                (3,7):-4
                                           (3,8):7
                                                     (3,9): -3
(4,7):2
                                (5,7):-7
                                           (5,8):0
                                                      (5,9):3
           (4,8):7
                     (4,9):5
                     (6,9):3
(6,7):3
           (6,8): -6
```

1977. Inequality 1977 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):6
           (1,5):6
                                (1,7):3
                                           (1,8):-1
                                                     (1,9):-7
                     (1,6):3
(2,4): -8
           (2,5):6
                     (2,6):3
                                (2,7):5
                                           (2,8):8
                                                      (2,9):2
(3,4):-2
           (3,5):-4
                     (3,6):7
                                (3,7):-5
                                           (3,8):7
                                                     (3,9): -3
(4,7):2
                                                      (5,9):4
           (4,8):8
                     (4,9):6
                                (5,7):-9
                                          (5,8):-1
(6,7):4
           (6,8): -7
                     (6,9):4
```

1978. Inequality 1978 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):5
           (1,5):5
                     (1,6):3
                               (1,7):3
                                          (1,8):-1
                                                     (1,9):-7
(2,4): -6
           (2,5):5
                     (2,6):2
                               (2,7):4
                                          (2,8):6
                                                     (2,9):1
(3,4):-1
          (3,5):-4
                     (3,6):7
                               (3,7):-4
                                          (3,8):6
                                                     (3,9):-4
(4,7):1
          (4,8):6
                     (4,9):5
                               (5,7): -6
                                          (5,8):0
                                                     (5,9):2
(6,7):2
          (6,8):-5
                     (6,9):5
```

1979. Inequality 1979 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

(1,4):7	(1,5):7	(1,6):5	(1,7):5	(1,8): -1	(1,9): -11
(2,4): -9	(2,5):7	(2,6):2	(2,7):7	(2,8):9	(2,9):2
(3,4):-1	(3,5):-5	(3,6):10	(3,7):-7	(3,8):8	(3,9):-5
(4,7):2	(4,8):9	(4,9):8	(5,7): -10	(5,8):-1	(5,9):4
	(6,8): -8				

1980. Inequality 1980 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):6
           (1,5):6
                     (1,6):3
                                (1,7):4
                                          (1,8):-1
                                                     (1,9): -8
           (2,5):6
                     (2,6):2
(2,4):-7
                                (2,7):5
                                           (2,8):7
                                                     (2,9):1
(3,4):-1
          (3,5):-4
                     (3,6):8
                               (3,7):-5
                                          (3,8):6
                                                     (3,9):-4
(4,7):1
           (4,8):7
                     (4,9):6
                               (5,7): -8
                                          (5,8):-1
                                                     (5,9):3
           (6,8): -6
(6,7):3
                     (6,9):6
```

1981. Inequality 1981 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):4
                                                       (1,9): -6
(1,4):3
           (1,5):8
                                 (1,7):3
                                            (1,8):-4
(2,4):-5
           (2,5):7
                      (2,6): -2
                                 (2,7):7
                                            (2,8):5
                                                       (2,9): -2
(3,4):-3
           (3,5): -2
                      (3,6):8
                                 (3,7):-5
                                            (3,8):6
                                                       (3,9): -4
(4,7):3
           (4,8):6
                      (4,9):2
                                 (5,7): -8
                                            (5,8):1
                                                       (5,9):6
                      (6,9):4
(6,7):4
           (6,8): -2
```

1982. Inequality 1982 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):-5
                                            (1,8):0
                                                       (1,9): -8
(1,4):7
           (1,5):5
                      (1,6):5
(2,4):-2
                                                       (2,9): -2
           (2,5):7
                      (2,6): -3
                                 (2,7):4
                                            (2,8):4
(3,4): -4
                                 (3,7):-4
                                                       (3,9):3
           (3,5):1
                      (3,6):1
                                            (3,8):5
(4,7):3
           (4,8):7
                      (4,9):5
                                 (5,7):-1
                                            (5,8):-5
                                                       (5,9):5
(6,7):3
           (6,8): -3
                      (6,9):3
```

1983. Inequality 1983 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):7
           (1,5):7
                      (1,6):3
                                (1,7):4
                                           (1,8): -2
                                                      (1,9): -9
(2,4): -8
           (2,5):7
                      (2,6):3
                                (2,7):5
                                            (2,8):8
                                                       (2,9):1
(3,4):-1
           (3,5): -5
                      (3,6):9
                                (3,7):-5
                                            (3,8):8
                                                      (3,9): -6
(4,7):1
           (4,8):8
                      (4,9):7
                                (5,7): -8
                                            (5,8):0
                                                       (5,9):3
(6,7):3
           (6,8): -6
                      (6,9):6
```

1984. Inequality 1984 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):7
           (1,5):7
                      (1,6):2
                                 (1,7):5
                                            (1,8): -2
                                                       (1,9): -9
(2,4): -8
           (2,5):7
                      (2,6):2
                                 (2,7):6
                                            (2,8):8
                                                       (2,9):1
(3,4):-1
           (3,5): -3
                      (3,6):8
                                (3,7):-5
                                            (3,8):6
                                                       (3,9): -5
(4,7):1
           (4,8):8
                      (4,9):7
                                (5,7): -9
                                            (5,8): -2
                                                       (5,9):4
(6,7):4
           (6,8): -6
                      (6,9):6
```

1985. Inequality 1985 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5): -5
                     (1,6):1
                                (1,7):4
                                           (1,8):2
                                                      (1,9):-7
(1,4):5
(2,4):6
                                (2,7):-5
                                                      (2,9):-1
          (2,5):5
                     (2,6):-1
                                           (2,8):6
(3,4):1
          (3,5): -2
                     (3,6): -5
                                (3,7):4
                                           (3,8):4
                                                      (3,9):4
(4,7):1
          (4,8): -6
                     (4,9):5
                                (5,7):7
                                           (5,8):-2
                                                      (5,9): -3
(6,7):3
          (6,8):4
                     (6,9):4
```

1986. Inequality 1986 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):4
           (1,5):5
                     (1,6):4
                                (1,7):1
                                           (1,8):1
                                                     (1,9):-5
(2,4): -6
           (2,5):4
                     (2,6):3
                                (2,7):3
                                           (2,8):7
                                                      (2,9):3
(3,4):-2
           (3,5):-4
                     (3,6):5
                                (3,7): -3
                                           (3,8):6
                                                     (3,9):-2
(4,7):2
                                                      (5,9):2
           (4,8):6
                     (4,9):4
                                (5,7): -6
                                          (5,8):-1
                     (6,9):2
(6,7):3
           (6,8): -7
```

1987. Inequality 1987 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):3
           (1,5):2
                      (1,6):2
                                (1,7):1
                                           (1,8): -1
                                                      (1,9): -3
(2,4):-4
           (2,5):2
                                (2,7):2
                                                      (2,9):2
                      (2,6):2
                                           (2,8):4
(3,4):-1
           (3,5): -2
                                (3,7):-2
                                                      (3,9):-1
                      (3,6):3
                                           (3,8):3
                                           (5,8):-1
(4,7):1
           (4,8):4
                      (4,9):3
                                (5,7): -3
                                                      (5,9):2
(6,7):1
           (6,8): -3
                      (6,9):1
```

1988. Inequality 1988 with incidence 27 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,5):7
                                 (1,7):6
                                            (1,8):-1
                                                       (1,9): -12
(1,4):8
                      (1,6):6
(2,4):-9
           (2,5):5
                      (2,6):4
                                 (2,7):5
                                            (2,8):9
                                                        (2,9):4
                                 (3,7):-7
(3,4):-1
           (3,5): -6
                      (3,6):12
                                            (3,8):8
                                                       (3,9):-6
(4,7):1
           (4,8):9
                      (4,9):8
                                 (5,7): -7
                                            (5,8):-1
                                                        (5,9):2
(6,7):2
           (6,8): -8
                      (6,9):8
```

1989. Inequality 1989 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):2
                                (1,7):3
                                                      (1,9):-7
(1,4):5
           (1,5):5
                                           (1,8): -2
(2,4): -6
                                (2,7):4
                                                      (2,9):1
           (2,5):5
                      (2,6):2
                                           (2,8):6
(3,4):0
           (3,5): -3
                                (3,7):-4
                                           (3,8):6
                                                      (3,9): -5
                     (3,6):6
(4,7):1
           (4,8):6
                     (4,9):6
                                           (5,8):0
                                                      (5,9):3
                                (5,7): -6
(6,7):2
           (6,8):-4
                      (6,9):4
```

1990. Inequality 1990 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):6
          (1,5): -6
                      (1,6):1
                                 (1,7):5
                                            (1,8):3
                                                      (1,9): -9
(2,4):7
                                                      (2,9):-1
          (2,5):6
                     (2,6): -1
                                (2,7): -6
                                            (2,8):7
(3,4):1
          (3,5): -2
                     (3,6): -5
                                 (3,7):5
                                            (3,8):4
                                                       (3,9):5
(4,7):1
                                 (5,7):9
          (4,8): -7
                      (4,9):6
                                           (5,8): -3
                                                      (5,9):-4
(6,7):4
          (6,8):4
                      (6,9):5
```

1991. Inequality 1991 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):4
                                                      (1,9): -6
(1,4):4
          (1,5): -4
                     (1,6):0
                                            (1,8):2
(2,4):5
          (2,5):4
                     (2,6): -1
                                (2,7):-4
                                           (2,8):5
                                                      (2,9):-1
(3,4):1
          (3,5): -2
                                (3,7):4
                                                      (3,9):4
                     (3,6):-4
                                           (3,8):3
(4,7):1
          (4,8): -5
                     (4,9):4
                                (5,7):6
                                           (5,8):-2
                                                      (5,9): -2
(6,7):3
          (6,8):3
                     (6,9):3
```

1992. Inequality 1992 with incidence 27 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):6
           (1,5):6
                      (1,6):1
                                 (1,7): -3
                                            (1,8):3
                                                       (1,9):-5
           (2,5):5
(2,4):-5
                      (2,6): -5
                                 (2,7):5
                                            (2,8):3
                                                       (2,9): -3
(3,4):-4
           (3,5):4
                      (3,6):7
                                 (3,7): -3
                                            (3,8):7
                                                       (3,9):3
(4,7):6
           (4,8):4
                      (4,9):5
                                 (5,7):1
                                            (5,8):-7
                                                        (5,9):5
(6,7):6
           (6,8): -4
                      (6,9): -5
```

1993. Inequality 1993 with incidence 27 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):4
          (1,5): -4
                     (1,6):1
                                (1,7):3
                                           (1,8):2
                                                      (1,9): -6
(2,4):5
          (2,5):4
                                (2,7):-4
                                           (2,8):5
                                                      (2,9):-1
                     (2,6): -1
(3,4):1
          (3,5):-1
                     (3,6): -3
                                (3,7):3
                                           (3,8):3
                                                      (3,9):3
(4,7):1
          (4,8):-5
                     (4,9):4
                                (5,7):6
                                           (5,8):-2
                                                      (5,9): -3
(6,7):3
          (6,8):3
                     (6,9):3
```

1994. Inequality 1994 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5): -4
                     (1,6):0
                                (1,7):4
                                           (1,8):2
                                                      (1,9): -6
(1,4):4
(2,4):5
                                (2,7):-4
                                                      (2,9):-1
          (2,5):4
                     (2,6):-1
                                           (2,8):5
(3,4):0
          (3,5):-1
                     (3,6): -4
                                (3,7):4
                                           (3,8):3
                                                      (3,9):4
(4,7):1
          (4,8): -5
                     (4,9):5
                                (5,7):6
                                           (5,8):-2
                                                      (5,9): -3
(6,7):3
          (6,8):3
                     (6,9):3
```

1995. Inequality 1995 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
          (1,5): -2
                     (1,6):0
                                (1,7):2
                                           (1,8):1
                                                      (1,9):-3
(2,4):3
          (2,5):2
                     (2,6): -1
                                (2,7):-2
                                           (2,8):3
                                                      (2,9):-1
(3,4):1
          (3,5):-1
                     (3,6): -2
                                (3,7):2
                                           (3,8):2
                                                      (3,9):2
                     (4,9):2
                                                      (5,9):-1
(4,7):1
          (4,8): -3
                                (5,7):3
                                           (5,8):-1
          (6,8):2
(6,7):2
                     (6,9):1
```

1996. Inequality 1996 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-5
           (1,5): -2
                     (1,6): -3
                                 (1,7):4
                                            (1,8):1
                                                       (1,9):5
(2,4):-1
           (2,5):6
                      (2,6): -3
                                                       (2,9):-4
                                 (2,7):5
                                            (2,8):3
(3,4):-4
           (3,5):3
                                (3,7):-3
                                                       (3,9):1
                      (3,6):3
                                            (3,8):6
                                                       (5,9):5
(4,7):2
           (4,8):5
                      (4,9):5
                                (5,7):-1
                                           (5,8):-5
(6,7):5
           (6,8): -2
                      (6,9):0
```

1997. Inequality 1997 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):4
           (1,5):6
                     (1,6):6
                                (1,7):3
                                          (1,8):-1
                                                     (1,9): -6
(2,4):-7
           (2,5):3
                     (2,6):2
                                (2,7):5
                                           (2,8):5
                                                      (2,9):2
                                (3,7):-5
(3,4):-2
                                                      (3,9):0
           (3,5): -6
                     (3,6):8
                                           (3,8):5
(4,7):3
           (4,8):6
                     (4,9):4
                                (5,7): -6
                                          (5,8): -1
                                                      (5,9):4
(6,7):0
           (6,8):-4
                     (6,9):4
```

1998. Inequality 1998 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6): -5
                                 (1,7):6
(1,4): -7
           (1,5): -2
                                            (1,8):1
                                                       (1,9):7
(2,4):-1
                                 (2,7):7
                                                       (2,9): -6
           (2,5):8
                      (2,6): -4
                                            (2,8):4
                      (3,6):5
(3,4): -5
           (3,5):4
                                 (3,7):-4
                                            (3,8):9
                                                       (3,9):1
(4,7):3
           (4,8):7
                      (4,9):7
                                 (5,7):-2
                                            (5,8):-7
                                                        (5,9):7
(6,7):8
           (6,8): -4
                      (6,9):0
```

1999. Inequality 1999 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-9
           (1,5): -3
                      (1,6): -7
                                  (1,7):8
                                             (1,8):1
                                                        (1,9):10
(2,4):-1
           (2,5):10
                      (2,6): -5
                                 (2,7):8
                                             (2,8):6
                                                        (2,9): -8
(3,4):-7
           (3,5):5
                       (3,6):7
                                 (3,7):-5
                                            (3,8):12
                                                        (3,9):2
                                 (5,7):-2
(4,7):3
           (4,8):9
                       (4,9):9
                                            (5,8):-9
                                                        (5,9):9
(6,7):10
           (6,8): -5
                       (6,9):0
```

2000. Inequality 2000 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):-1
(1,4):3
           (1,5):8
                      (1,6):7
                                             (1,8):-5
                                                        (1,9): -8
           (2,5):-3
(2,4):9
                      (2,6): -3
                                  (2,7):9
                                             (2,8):9
                                                        (2,9):-3
(3,4):2
           (3,5):7
                                  (3,7): -9
                                             (3,8):9
                                                        (3,9):-2
                      (3,6): -7
(4,7): -6
           (4,8): -8
                      (4,9):6
                                 (5,7):11
                                             (5,8):1
                                                        (5,9):8
(6,7):-4
           (6,8):12
                       (6,9):5
```

2001. Inequality 2001 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-5
           (1,5): -2
                      (1,6): -4
                                 (1,7):5
                                            (1,8):0
                                                       (1,9):6
           (2,5):5
(2,4):-1
                      (2,6): -2
                                 (2,7):4
                                                       (2,9):-4
                                            (2,8):4
(3,4):-4
           (3,5):2
                      (3,6):4
                                 (3,7): -3
                                            (3,8):7
                                                       (3,9):2
(4,7):2
           (4,8):5
                      (4,9):5
                                 (5,7):-1
                                            (5,8):-5
                                                       (5,9):5
(6,7):5
           (6,8): -3
                      (6,9):0
```

2002. Inequality 2002 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):-7
           (1,5): -3
                      (1,6): -6
                                 (1,7):7
                                            (1,8):0
                                                       (1,9):9
           (2,5):7
                                 (2,7):5
                                            (2,8):6
                                                       (2,9):-5
(2,4):-1
                      (2,6): -2
(3,4): -6
           (3,5):2
                      (3,6):6
                                 (3,7):-5
                                            (3,8):10
                                                       (3,9):3
(4,7):2
                                            (5,8):-7
           (4,8):7
                      (4,9):7
                                (5,7): -2
                                                       (5,9):7
           (6,8):-4
                      (6,9):1
(6,7):7
```

2003. Inequality 2003 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):4
          (1,5): -1
                     (1,6):2
                                (1,7): -3
                                           (1,8):2
                                                      (1,9): -4
(2,4):2
                     (2,6):5
                                (2,7):-5
                                           (2,8):-2
                                                      (2,9):3
          (2,5):3
                     (3,6): -6
(3,4):4
          (3,5):1
                                (3,7):3
                                           (3,8):4
                                                      (3,9):2
(4,7):2
          (4,8): -2
                     (4,9):2
                                (5,7):3
                                           (5,8):-2
                                                      (5,9):-4
(6,7):6
          (6,8):4
                     (6,9):1
```

2004. Inequality 2004 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):1
           (1,5):-1
                                 (1,7):-2
                                           (1,8):-1
                                                      (1,9):2
                      (1,6):1
(2,4):-3
           (2,5):1
                      (2,6): -3
                                 (2,7):3
                                            (2,8):1
                                                      (2,9):3
(3,4):-3
           (3,5):1
                      (3,6):3
                                (3,7):-1
                                            (3,8):4
                                                      (3,9):2
(4,7):2
                                                      (5,9):3
           (4,8):3
                      (4,9):4
                                (5,7):-1
                                           (5,8): -3
                      (6,9):0
(6,7):3
           (6,8): -2
```

2005. Inequality 2005 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):3
           (1,5):4
                      (1,6):4
                                 (1,7): -3
                                            (1,8): -1
                                                       (1,9): -7
(2,4):5
           (2,5): -3
                                                       (2,9):-3
                      (2,6):1
                                 (2,7):5
                                            (2,8):5
(3,4):0
           (3,5):4
                                 (3,7):-5
                                                       (3,9):1
                      (3,6): -4
                                            (3,8):6
(4,7): -2
           (4,8): -5
                                                       (5,9):3
                      (4,9):5
                                 (5,7):6
                                            (5,8):0
(6,7):-1
           (6,8):5
                      (6,9):5
```

2006. Inequality 2006 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):3
                      (1,6):3
                                (1,7):-2
                                           (1,8):-1
                                                      (1,9):-5
(1,4):2
(2,4):3
           (2,5): -2
                      (2,6):1
                                 (2,7):3
                                            (2,8):3
                                                      (2,9): -2
           (3,5):3
                                (3,7):-3
                                                      (3,9):1
(3,4):0
                     (3,6): -3
                                            (3.8):4
(4,7):-1
           (4,8): -4
                      (4,9):4
                                 (5,7):4
                                            (5,8):0
                                                       (5,9):2
(6,7):-1
           (6,8):4
                      (6,9):4
```

2007. Inequality 2007 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,6):3
                                (1,7):2
                                          (1,8): -2
                                                     (1,9):-5
(1,4):1
          (1,5):3
(2,4):2
          (2,5):-1
                               (2,7):-2
                                           (2,8):2
                                                     (2,9):-2
                     (2,6):1
(3,4):0
          (3,5):3
                     (3,6): -3
                                (3,7):3
                                          (3,8):4
                                                     (3,9):1
(4,7):1
          (4,8):-4
                     (4,9):4
                               (5,7):-3
                                          (5,8):0
                                                     (5,9):2
(6,7):1
          (6,8):4
                     (6,9):4
```

2008. Inequality 2008 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,4):2
           (1,5):4
                      (1,6):4
                                (1,7):-1
                                           (1,8): -3
                                                      (1,9): -6
(2,4):5
           (2,5): -2
                      (2,6):1
                                 (2,7):3
                                            (2,8):3
                                                      (2,9):-4
(3,4):2
           (3,5):4
                     (3,6): -4
                                (3,7):-3
                                            (3,8):5
                                                       (3,9):0
(4,7):-3
           (4,8): -3
                      (4,9):5
                                 (5,7):3
                                            (5,8):1
                                                       (5,9):2
(6,7):1
           (6,8):3
                      (6,9):5
```

2009. Inequality 2009 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,7):-4
(1,4):4
           (1,5):7
                      (1,6):3
                                            (1,8): -3
                                                       (1,9):-7
(2,4):6
           (2,5): -4
                      (2,6):3
                                 (2,7):5
                                            (2,8):5
                                                       (2,9):-5
(3,4):1
                                 (3,7):-5
           (3,5):5
                      (3,6): -3
                                            (3,8):6
                                                       (3,9): -2
(4,7):-1
           (4,8): -6
                      (4,9):6
                                 (5,7):8
                                            (5,8):2
                                                       (5,9):4
(6,7): -3
           (6,8):6
                      (6,9):6
```

2010. Inequality 2010 with incidence 27 and stabilizer of size 18. Orbit size is 18432 nature: unknown

```
(1,4):-1
           (1,5):1
                      (1,6):2
                                 (1,7):-1
                                             (1,8):2
                                                        (1,9):-1
(2,4):-1
                                 (2,7):2
           (2,5):2
                      (2,6): -1
                                                       (2,9):-1
                                             (2,8):1
(3,4): -2
           (3,5): -1
                      (3,6): -1
                                 (3,7):1
                                             (3,8):1
                                                        (3,9):2
(4,7):1
           (4,8):2
                      (4,9):1
                                 (5,7):-1
                                            (5,8):-1
                                                        (5,9):2
(6,7):2
           (6,8): -1
                      (6,9):1
```

2011. Inequality 2011 with incidence 27 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):6
           (1,5):6
                      (1,6):1
                                 (1,7):-5
                                            (1,8):1
                                                       (1,9): -5
(2,4):3
           (2,5): -5
                      (2,6):7
                                (2,7):-5
                                            (2,8):-1
                                                       (2,9):5
(3,4):-4
           (3,5):4
                      (3,6):5
                                 (3,7):-1
                                            (3,8):5
                                                       (3,9):1
(4,7):6
           (4,8):4
                      (4,9):3
                                 (5,7):1
                                            (5,8):-5
                                                       (5,9):7
(6,7):6
           (6,8):-4
                      (6,9): -5
```

2012. Inequality 2012 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

```
(1,5):2
                      (1,6):2
                                (1,7):2
                                           (1,8): -2
                                                      (1,9): -2
(1,4):2
(2,4):-3
           (2,5):2
                                (2,7):2
                                                      (2,9):1
                      (2,6):1
                                           (2,8):3
(3,4):-1
           (3,5): -2
                      (3,6):3
                                (3,7): -2
                                           (3,8):2
                                                      (3,9):0
(4,7):1
           (4,8):4
                      (4,9):3
                                (5,7): -3
                                           (5,8):-2
                                                      (5,9):3
(6,7):0
           (6,8):-1
                      (6,9):1
```

2013. Inequality 2013 with incidence 27 and stabilizer of size 2. Orbit size is 165888 nature: unknown

```
(1,4):3
          (1,5): -3
                                (1,7):1
                                           (1,8):5
                                                     (1,9):-5
                     (1,6): -1
(2,4):3
          (2,5):4
                     (2,6):2
                                (2,7):-4
                                           (2,8):2
                                                      (2,9):1
(3,4):4
          (3,5):-1
                     (3,6): -5
                                (3,7):2
                                           (3,8):5
                                                      (3,9):5
(4,7):2
                                                     (5,9):-3
          (4,8):-5
                     (4,9):-1
                                (5,7):4
                                           (5,8):-1
(6,7):3
          (6,8):4
                     (6,9):3
```

2014. Inequality 2014 with incidence 27 and stabilizer of size 1. Orbit size is $331776~\mathrm{nature}\colon$ unknown

(1,4): -2	(1,5):5	(1,6):5	(1,7):-4	(1,8):5	(1,9): -7
(2,4):4	(2,5):-3	(2,6):1	(2,7):4	(2,8):-1	(2,9):-5
(3,4):-3	(3,5): -7	(3,6):5	(3,7):5	(3,8):8	(3,9):2
(4,7):-3	(4,8):6	(4,9):6	(5,7):7	(5,8):2	(5,9):4
(6,7):-1					

2015. Inequality 2015 with incidence 27 and stabilizer of size 1. Orbit size is 331776 nature: unknown

(1,4): -6	(1,5): -3	(1,6): -3	(1,7):3	(1,8):3	(1,9):6
(2,4):0	(2,5):7	(2,6): -5	(2,7):3	(2,8):5	(2,9): -6
(3,4):-5	(3,5):5	(3,6):5	(3,7):-4	(3,8):7	(3,9):2
(4,7):1	(4,8):6	(4,9):6	(5,7):1	(5,8): -6	(5,9):6
(6,7):4	(6,8):1	(6,9): -2			