```
2: 1 7 4 3 5 8 6
                                                     3: 5 1 4 7 2 8 6
                                                     4: 1 5 3 6 7 2 8
                                                     5: 8 1 7 2 3 4 6
                                                     6: 3 5 8 2 4 1 7
                                                    7: 6 1 4 8 3 5 2
                                                     8: 3 1 4 2 7 6 5
                                                              Phase 1
                                                        1: 6 3 5
                                                        2: 7 5 8
                                                        3: 5 1 4
                                                        4: 3 6 7
                                                        5: 1 7 2 3
                                                        6: 8 4 1
                                                        7: 4 8 5 2
                                                        8: 2 7 6
                                                              2: (3,5)(5,1)(2,7)
                                                        1: 6 3
                                                        2: 5 8
                                                        3: 1 4
                                                        4: 3 6 7
                                                        5: 7 2
                                                        6: 8 4 1
                                                        7: 4 8 5
                                                        8: 2 7 6
                                 1: (1,6)(4,3)
                                                                             3: (6,8)(7,4)
                                1: 3
                                                                                     1: 6 3
                                2: 5 8
                                                                                     2: 5 8
                                                                                     3: 1 4
                                3: 1
                                4: 6 7
                                                                                     4: 3 6
                                5: 7 2
                                                                                     5: 7 2
                                6: 8 4
                                                                                     6: 4 1
                                7: 4 8 5
                                                                                     7:85
                                8: 2 7 6
                                                                                     8: 2 7
             3: (6,8)(7,4)
                                             4: (8,2)(5,7)
                                                                                        ~1: (3,1)(6,4)
                                            1: 3
                  1: 3
                                                                                     1: 6
                  2: 5 8
                                            2: 5
                                                                                     2: 5 8
                  3: 1
                                            3: 1
                                                                                     3: 4
                  4: 6
                                            4: 6 7
                                                                                     4: 3
                  5: 7 2
                                            5: 2
                                                                                     5: 7 2
                  6: 4
                                            6: 8 4
                                                                                     6: 1
                  7:85
                                           7: 4 8
                                                                                     7: 8 5
                                           8: 7 6
                  8: 2 7
                                                                                     8: 2 7
4: (2,5)(7,8)
                             4: (8,2)(5,7)
                                                 ~3: (4,6)(8,7) 4: (2,5)(7,8)
                                                                                               4: (8,2)(5,7)
        1: 3
                           1: 3
                                            1: 3
                                                                          1: 6
                                                                                              1: 6
        2: 8
                           2: 5
                                            2: 5
                                                                          2: 8
                                                                                              2: 5
                           3: 1
        3: 1
                                            3: 1
                                                                          3: 4
                                                                                              3: 4
                           4: 6
                                           4: 7
                                                                          4: 3
                                                                                              4: 3
        4: 6
        5: 7
                           5: 2
                                           5: 2
                                                                          5: 7
                                                                                              5: 2
        6: 4
                           6: 4
                                           6: 8
                                                                          6: 1
                                                                                             6: 1
        7: 5
                           7: 8
                                           7: 4
                                                                          7: 5
                                                                                             7: 8
        8: 2
                           8: 7
                                            8: 6
                                                                          8: 2
                                                                                             8: 7
```

1: 6 3 5 7 8 4 2