Instance of stable roommates with 5 stable matchings.

```
1: 6 3 5 7 8 4 2        1: 6 3 5 7 8 4 2        1: 6 3 5 7 8 4 2

2: 1 7 4 3 5 8 6        2: 1 7 4 3 5 8 6        2: 1 7 4 3 5 8 6

3: 5 1 4 7 2 8 6        3: 5 1 4 7 2 8 6        3: 5 1 4 7 2 8 6

4: 1 5 3 6 7 2 8        4: 1 5 3 6 7 2 8        4: 1 5 3 6 7 2 8

5: 8 1 7 2 3 4 6        5: 8 1 7 2 3 4 6        5: 8 1 7 2 3 4 6

6: 3 5 8 2 4 1 7        6: 3 5 8 2 4 1 7        6: 3 5 8 2 4 1 7

7: 6 1 4 8 3 5 2        7: 6 1 4 8 3 5 2        7: 6 1 4 8 3 5 2

8: 3 1 4 2 7 6 5        8: 3 1 4 2 7 6 5        8: 3 1 4 2 7 6 5


1: 6 3 5 7 8 4 2        1: 6 3 5 7 8 4 2        1: 6 3 5 7 8 4 2

2: 1 7 4 3 5 8 6        2: 1 7 4 3 5 8 6        2: 1 7 4 3 5 8 6

3: 5 1 4 7 2 8 6        3: 5 1 4 7 2 8 6        3: 5 1 4 7 2 8 6

4: 1 5 3 6 7 2 8        4: 1 5 3 6 7 2 8        4: 1 5 3 6 7 2 8

5: 8 1 7 2 3 4 6        5: 8 1 7 2 3 4 6        5: 8 1 7 2 3 4 6

6: 3 5 8 2 4 1 7        6: 3 5 8 2 4 1 7        6: 3 5 8 2 4 1 7

7: 6 1 4 8 3 5 2        7: 6 1 4 8 3 5 2        7: 6 1 4 8 3 5 2

8: 3 1 4 2 7 6 5        8: 3 1 4 2 7 6 5        8: 3 1 4 2 7 6 5


1: 6 3 5 7 8 4 2        1: 6 3 5 7 8 4 2        1: 6 3 5 7 8 4 2

2: 1 7 4 3 5 8 6        2: 1 7 4 3 5 8 6        2: 1 7 4 3 5 8 6

3: 5 1 4 7 2 8 6        3: 5 1 4 7 2 8 6        3: 5 1 4 7 2 8 6

4: 1 5 3 6 7 2 8        4: 1 5 3 6 7 2 8        4: 1 5 3 6 7 2 8

5: 8 1 7 2 3 4 6        5: 8 1 7 2 3 4 6        5: 8 1 7 2 3 4 6

6: 3 5 8 2 4 1 7        6: 3 5 8 2 4 1 7        6: 3 5 8 2 4 1 7

7: 6 1 4 8 3 5 2        7: 6 1 4 8 3 5 2        7: 6 1 4 8 3 5 2

8: 3 1 4 2 7 6 5        8: 3 1 4 2 7 6 5        8: 3 1 4 2 7 6 5
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