

| | | | | | | | | | |
|----|----|----|----|----|---|----|----|----|----|
| | 31 | 19 | 45 | 16 | 5 | 47 | 28 | 49 | 45 |
| 26 | 1 | | | | | | | | |
| 42 | | | | | | | | | |
| 11 | | | | | | | | | |
| 22 | | | | | | | | | |
| 42 | | | | | | | | | |
| 36 | | | | | | | | | |
| 29 | | | | | | | | | |
| 32 | | | | | | | | | |
| 45 | | | | | | | | | |

| | | | | | | | | |
|----|---|--|--|--|--|--|--|--|
| 26 | 1 | | | | | | | |
| 42 | | | | | | | | |
| 11 | | | | | | | | |
| 22 | | | | | | | | |
| 42 | | | | | | | | |
| 36 | | | | | | | | |
| 29 | | | | | | | | |
| 32 | | | | | | | | |
| 45 | | | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1 | | 3 | | | 6 | 7 | | 9 |
| 2 | 2 | 3 | | 5 | 6 | 7 | 8 | 9 |
| | | 3 | | | | | 8 | |
| 4 | 4 | 4 | 4 | | 6 | | | |
| 5 | 5 | 5 | 5 | | 6 | 7 | | 9 |
| 6 | | | | | 6 | 7 | 8 | 9 |
| | | 7 | 7 | 7 | | | 8 | |
| 8 | 8 | | | | 8 | | 8 | |
| 9 | | 9 | | | 9 | | 9 | 9 |

This is the result I finally arrived at after working. The result is wrong. I have been stuck here for so long.

| | | | | | | | | | |
|----|----|----|----|----|---|----|----|----|----|
| | 31 | 19 | 45 | 16 | 5 | 47 | 28 | 49 | 45 |
| 26 | 1 | | 3 | | | 6 | 7 | | 9 |
| 42 | 2 | 2 | 3 | | 5 | 6 | 7 | 8 | 9 |
| 11 | 3 | | | | | | | 8 | |
| 22 | 4 | 4 | 4 | 4 | | 6 | | | |
| 42 | 5 | 5 | 5 | 5 | | 6 | 7 | | 9 |
| 36 | | | 6 | | | 6 | 7 | 8 | 9 |
| 29 | 7 | | 7 | 7 | | | | 8 | |
| 32 | | 8 | 8 | | | 8 | | 8 | |
| 45 | 9 | | 9 | | | 9 | | 9 | 9 |

This is the solution released by Jane Street.