

					1
					2
					3
					4
					5

Example

1	6	2	3	5	1
5	2	4	6	0	2
0	4	8	9	3	3
2	4	8	6	8	4
4	7	0	3	0	5

6

7

8

9

10

Place a digit in each of the 25 spots in the below 5x5 grid, so that each 5-digit number (leading zeroes are ok) reading across and reading down is divisible by the number outside the grid, trying to maximize the sum of the 25 numbers you enter. An example with sum 100 is presented on the right.

9	9	9	9	9
9	9	9	1	8
9	9	6	9	9
7	9	8	8	8
8	5	8	9	0

This is the solution I arrived at after solving.

The sum comes out to 193.

The highest solution entry Jane Street received was 205. My solution is not even near to that.

9	8	9	9	9	1
9	9	9	9	8	2
7	9	8	9	9	3
9	9	8	9	6	4
8	9	8	9	0	5
6	7	8	9	10	

This is the best entry of this puzzle.