Factors and Multiples Puzzle

Cut out the 10 heading cards and put one in each of the 10 spaces round the playing board.

Cut out the 25 number cards and place each one in a different square on the playing board so that the number satisfies the condition given by the heading card for that row *and* the condition given by the heading card for that column.

By rearranging the heading cards and the number cards, try to fill as many squares on the playing board as possible.

Is it possible to fill all the squares at once?

Number cards

1	2	3	4	5
<u>6</u>	7	<u>9</u>	10	11
12	15	16	18	20
21	23	24	25	30
35	36	45	55	60

Heading cards

PRIME NUMBERS	TRIANGULAR NUMBERS
SQUARE NUMBERS	FACTORS OF 60
NUMBERS LESS THAN 20	MULTIPLES OF 3
NUMBERS MORE THAN 20	MULTIPLES OF 5
ODD NUMBERS	EVEN NUMBERS