

FACTORISM

Enter numbers from 1 to $N-1$ in the cells of the first row and the first column of the grid of size $N \times N$. Each number must be used exactly once.

A number inside the grid must be the product of the numbers in the first row of the same column and first column of the same row.

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|--|----|---|----|----|----|--|----|----|---|--|
| | | | | | | | | | | |
| | | | 50 | | | | | | | |
| | | | | | | | | | 6 | |
| | | | | | | | | 18 | | |
| | | 8 | | | | | 20 | | | |
| | | | | | | | | | | |
| | | | | | 27 | | | | | |
| | | | | | 18 | | | | | |
| | 64 | | | | | | | | | |
| | | | | 49 | | | | | | |
| | | | | | | | 36 | | | |

