

Magic Squares

Advanced — ANSWER KEY

Bigger numbers and a 4×4 square.

Think: Use whichever row, column, or diagonal has just one empty cell.

1. Fill the grid so every row, column, and diagonal adds to the magic sum.

1) Magic sum = **66**

12	23	22	9
17	14	15	20
13	18	19	16
24	11	10	21

3) Magic sum = **100**

34	24	32	10
12	30	22	36
14	28	20	38
40	18	26	16

2) Magic sum = **58**

10	21	20	7
15	12	13	18
11	16	17	14
22	9	8	19

4) Magic sum = **80**

29	7	9	35
19	25	23	13
27	17	15	21
5	31	33	11