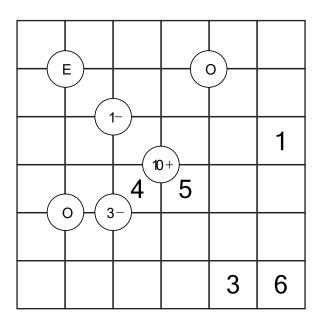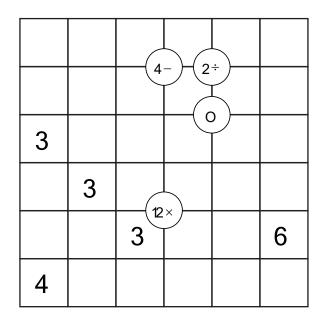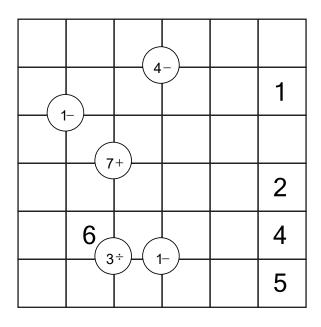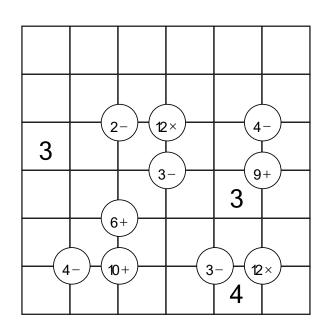# 6 by 6 Mathrix Puzzles

Place the number 1 to 6 such that each row and column contains the digits 1 to 6. Circles with conditions are placed on some intersections and are meant for the 2 pairs of diagonally adjacent cells. This can be the sum (+), difference (-), product (×), quotient (÷), only odd (O) or only even (E).

Answers

Place the number 1 to 6 such that each row and column contains the digits 1 to 6. Circles with conditions are placed on some intersections and are meant for the 2 pairs of diagonally adjacent cells. This can be the sum (+), difference (-), product (×), quotient (÷), only odd (O) or only even (E).

Grid 1 (top left):

6	4	2	3	1	5
2	6	3	1	5	4
3	2	5	6	4	1
1	3	4	5	6	2
5	1	6	4	2	3
4	5	1	2	3	6

Conditions: E, O, 1−, 10+, O, 3−

Grid 2 (top right):

1	4	5	6	2	3
6	5	2	1	3	4
3	6	4	5	1	2
2	3	6	4	5	1
5	1	3	2	4	6
4	2	1	3	6	5

Conditions: 4−, 2÷, O, 12×

Grid 3 (bottom left):

4	5	1	2	6	3
3	4	6	5	2	1
5	2	4	3	1	6
1	3	5	6	4	2
2	6	3	1	5	4
6	1	2	4	3	5

Conditions: 4−, 1−, 7+, 3÷, 1−

Grid 4 (bottom right):

4	3	6	2	1	5
5	4	3	6	2	1
3	1	2	4	5	6
6	2	1	5	3	4
2	5	4	1	6	3
1	6	5	3	4	2

Conditions: 2−, 12×, 4−, 3−, 9+, 6+, 4−, 10+, 3−, 12×