4 by 4 Mathrix Puzzles

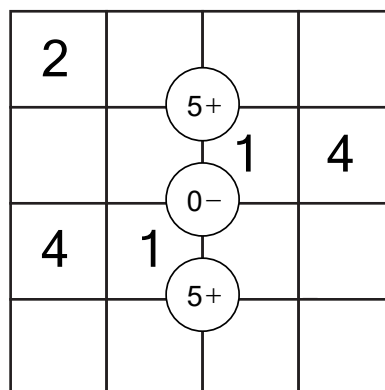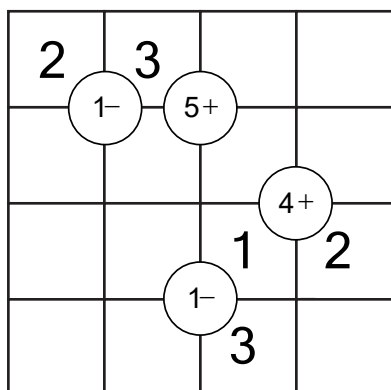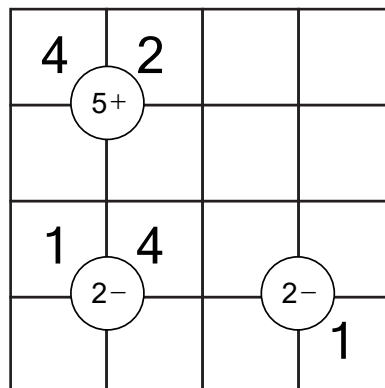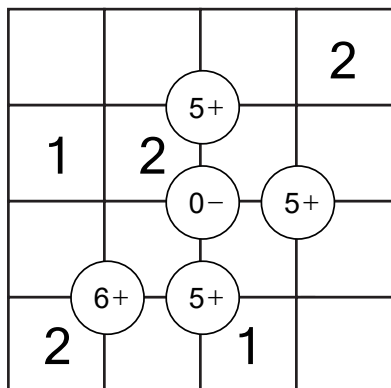Place the number 1 to 4 such that each row and column contains the digits 1 to 4. Circles with conditions are placed on some intersections and are meant for the 2 pairs of diagonally adjacent cells. This can be the sum (+), difference (-), product (×), quotient (÷), only odd (O) or only even (E).
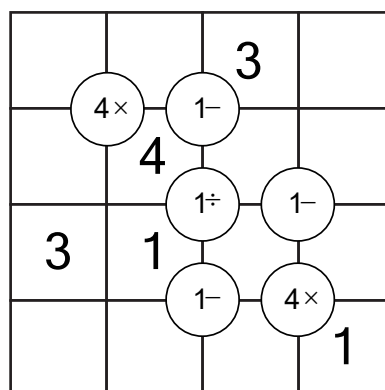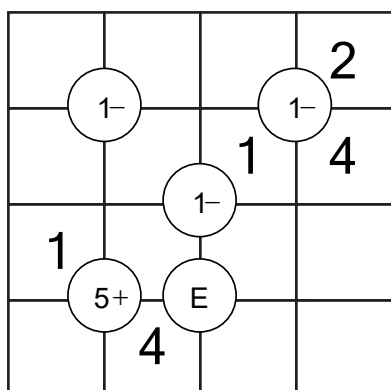
Answers

Place the number 1 to 4 such that each row and column contains the digits 1 to 4. 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).

Puzzle 1:

4	1	3	2
1	2	4	3
3	4	2	1
2	3	1	4

Conditions: 5+, 0−, 5+, 6+, 5+

Puzzle 2:

4	2	1	3
3	1	2	4
1	4	3	2
2	3	4	1

Conditions: 5+, 2−, 2−

Puzzle 3:

2	3	4	1
4	1	2	3
3	4	1	2
1	2	3	4

Conditions: 1−, 5+, 4+, 1−

Puzzle 4:

2	4	3	1
3	2	1	4
4	1	2	3
1	3	4	2

Conditions: 5+, 0−, 5+

Puzzle 5:

4	1	3	2
2	3	1	4
1	2	4	3
3	4	2	1

Conditions: 1−, 1−, 1−, 5+, E

Puzzle 6:

1	2	3	4
2	4	1	3
3	1	4	2
4	3	2	1

Conditions: 4×, 1−, 1÷, 1−, 1−, 4×