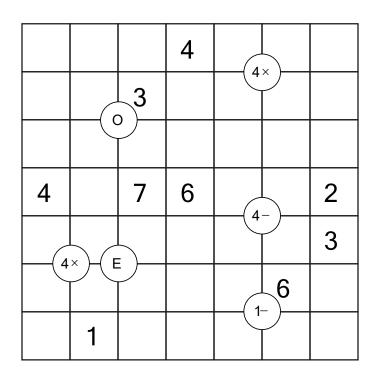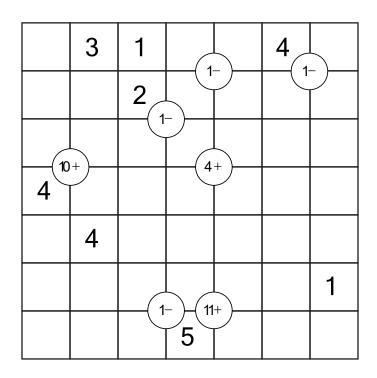# 7 by 7 Mathrix Puzzles

Place the number 1 to 7 such that each row and column contains the digits 1 to 7. 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 7 such that each row and column contains the digits 1 to 7. 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).

3	6	5	4	2	1	7
6	7	3	5	4	2	1
5	3	1	2	6	7	4
4	5	7	6	1	3	2
2	4	6	1	7	5	3
1	2	4	7	3	6	5
7	1	2	3	5	4	6

(circles: 4× between R1C5–R1C6; O below R2C2; 4− at R4C5; 4× and E at R5; 1− at R6C5)

7	3	1	6	5	4	2
6	1	2	4	7	3	5
5	6	3	1	2	7	4
4	5	7	2	3	1	6
2	4	5	3	1	6	7
3	2	4	7	6	5	1
1	7	6	5	4	2	3

(circles: 1− and 1− in row 1; 1− below R2C3; 10+ and 4+ in row 3; 1− and 11+ in row 6)