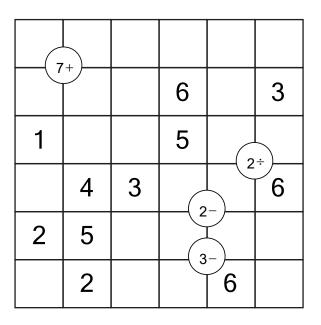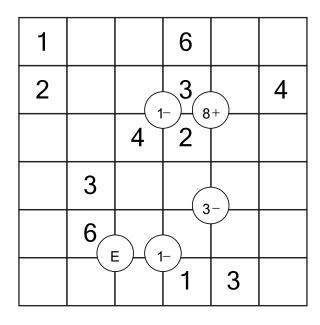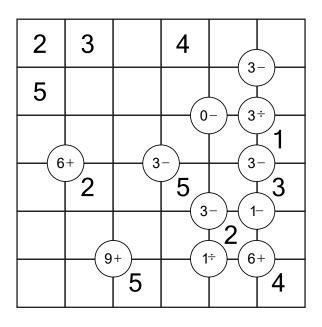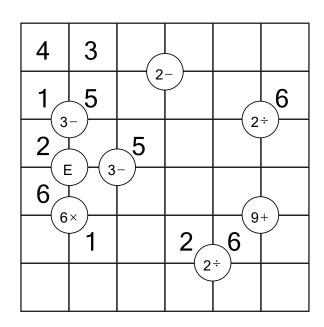# 6 by 6 Mathrix Puzzles

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 | 3 | 1 | 4 | 2 | 5 |
|---|---|---|---|---|---|
| 4 | 1 | 2 | 6 | 5 | 3 |
| 1 | 6 | 4 | 5 | 3 | 2 |
| 5 | 4 | 3 | 2 | 1 | 6 |
| 2 | 5 | 6 | 3 | 4 | 1 |
| 3 | 2 | 5 | 1 | 6 | 4 |

Circles: 7+, 2÷, 2−, 3−

## Grid 2 (top-right)

| 1 | 2 | 3 | 6 | 4 | 5 |
|---|---|---|---|---|---|
| 2 | 5 | 1 | 3 | 6 | 4 |
| 3 | 1 | 4 | 2 | 5 | 6 |
| 6 | 3 | 5 | 4 | 2 | 1 |
| 4 | 6 | 2 | 5 | 1 | 3 |
| 5 | 4 | 6 | 1 | 3 | 2 |

Circles: 1−, 8+, 3−, E, 1−

## Grid 3 (bottom-left)

| 2 | 3 | 1 | 4 | 5 | 6 |
|---|---|---|---|---|---|
| 5 | 1 | 4 | 6 | 3 | 2 |
| 4 | 5 | 2 | 3 | 6 | 1 |
| 1 | 2 | 6 | 5 | 4 | 3 |
| 6 | 4 | 3 | 1 | 2 | 5 |
| 3 | 6 | 5 | 2 | 1 | 4 |

Circles: 3−, 0−, 3÷, 6+, 3−, 3−, 3−, 1−, 9+, 1÷, 6+

## Grid 4 (bottom-right)

| 4 | 3 | 6 | 1 | 5 | 2 |
|---|---|---|---|---|---|
| 1 | 5 | 3 | 4 | 2 | 6 |
| 2 | 4 | 5 | 6 | 3 | 1 |
| 6 | 2 | 1 | 5 | 4 | 3 |
| 3 | 1 | 4 | 2 | 6 | 5 |
| 5 | 6 | 2 | 3 | 1 | 4 |

Circles: 2−, 3−, 2÷, E, 3−, 6×, 9+, 2÷