

8 by 8 Mathrix Puzzles

Place the number 1 to 8 such that each row and column contains the digits 1 to 8. 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 (\times), quotient (\div), only odd (O) or only even (E).

| | | | | | | | |
|---|---|----|-----|----|----|----|-----|
| | | | 2 | 7 | | | |
| | | 2- | | | 0 | | |
| | | | | | 0 | 0 | 5- |
| | | | | | 1- | | |
| | | 9+ | 0 | 5+ | | | 11+ |
| | | 4+ | | | | 2- | 13+ |
| | 0 | 1- | | | | | |
| | | | 11+ | | | | |
| 3 | | | | | | 8 | |

| | | | | | | | |
|--|----|---|-------------|----------|--|----|--|
| | | | | 8 | | | |
| | 5- | | | | | | |
| | | | 12 \times | 1 \div | | | |
| | | | | 10+ | | | |
| | E | E | | 0 | | | |
| | 2 | | 3 | | | 2- | |
| | 8 | | | | | 4- | |
| | | 6 | 5 | | | 3- | |
| | | | | | | 5 | |

Answers

Place the number 1 to 8 such that each row and column contains the digits 1 to 8. 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 (\times), quotient (\div), only odd (O) or only even (E).

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8 | 6 | 5 | 2 | 7 | 3 | 4 | 1 |
| 6 | 7 | 8 | 4 | 3 | 5 | 1 | 2 |
| 2 | 4 | 3 | 8 | 5 | 1 | 7 | 6 |
| 4 | 8 | 7 | 1 | 2 | 6 | 3 | 5 |
| 5 | 2 | 1 | 3 | 4 | 7 | 6 | 8 |
| 1 | 3 | 2 | 6 | 8 | 4 | 5 | 7 |
| 7 | 1 | 4 | 5 | 6 | 2 | 8 | 3 |
| 3 | 5 | 6 | 7 | 1 | 8 | 2 | 4 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 2 | 3 | 1 | 7 | 8 | 4 | 6 | 5 |
| 8 | 7 | 5 | 6 | 3 | 2 | 1 | 4 |
| 1 | 5 | 8 | 4 | 2 | 3 | 7 | 6 |
| 4 | 6 | 2 | 1 | 7 | 8 | 5 | 3 |
| 6 | 2 | 4 | 3 | 5 | 1 | 8 | 7 |
| 5 | 8 | 7 | 2 | 4 | 6 | 3 | 1 |
| 3 | 4 | 6 | 5 | 1 | 7 | 2 | 8 |
| 7 | 1 | 3 | 8 | 6 | 5 | 4 | 2 |