## 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 $(\times)$, quotient $(\div)$, only odd $(\mathrm{O})$ or only even $(\mathrm{E})$.


## 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 $(\times)$, quotient $(\div)$, only odd (O) or only even (E).

| 1 | 2 | 3 | 4 |
| :--- | :--- | :--- | :--- |
| 3 | 1 |  | 4 |
| 4 | 2 | 2 |  |
| 4 | 3 | 2 | 1 |
| 2 | 4 | 1 | 3 |


| 1 | 3 | 2 | 4 |
| :--- | :--- | :--- | :--- | :--- |
| 2 | 4 | 1 | 3 |
| 4 | 1 | 3 | 2 |
| 3 | 2 | 4 | 1 |



| 4 | 3 | 2 | 1 |
| :--- | :--- | :--- | :--- |
| 2 | 4 | 1 | 3 |
| $14 \times$ | 2 | 3 | 4 |
| 1 | 2 | 3 | 4 |
| 3 | 1 | 4 | 2 |



| 4 | 1 | 3 | 2 |
| :--- | :--- | :--- | :--- |
| 2 | 4 | 1 | 3 |
| 1 | 3 | 2 | 4 |
| 3 | 2 | 4 | 1 |

