

PUZZLES and BRAINS

4 BY 4 MATHDOKU (MEDIUM NO. 41 TO 44)

FILL THE GRID WITH THE NUMBERS 1 TO 4 IN SUCH THAT EACH NUMBER APPEARS ONLY ONCE IN EACH ROW AND COLUMN. THE MATHDOKU GRID IS ALSO DIVIDED IN OUTLINED REGIONS CALLED CAGES EACH WITH A GIVEN OPERATOR AND TARGET NUMBER. THE NUMBERS IN THE INDIVIDUAL CELLS OF A CAGE MUST PRODUCE THAT TARGET NUMBER USING THE OPERATOR IN A MATHEMATICAL CALCULATION.

| | | | |
|-------------|------------|------------|----------|
| $12 \times$ | | $2 \div$ | |
| $6 \times$ | | $1 -$ | $4 \div$ |
| | $8 \times$ | | |
| | | $6 \times$ | |

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| | | | |
|----------|------------|-------------|-------|
| $2 \div$ | $6 +$ | | |
| | $8 \times$ | | $1 -$ |
| $2 -$ | | $24 \times$ | |
| | | | |

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| | | | |
|------------|------------|----------|-------|
| $5 +$ | | $8 +$ | $9 +$ |
| $8 \times$ | | | |
| | $8 \times$ | | |
| | | $3 \div$ | |

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| | | | |
|-------------|-------------|----------|-------|
| $3 +$ | | $2 \div$ | $6 +$ |
| $12 \times$ | $48 \times$ | | |
| | | | |
| $6 \times$ | | | |

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ANSWERS

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

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

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

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

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