

PUZZLES and BRAINS

9 BY 9 MATHDOKU (MEDIUM NO. 15)

FILL THE GRID WITH THE NUMBERS 1 TO 9 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.

| | | | | | | | | |
|-----|-----|-----|----|------|------|------|-----|-----|
| 1- | | 28× | 4+ | 45× | 24× | | 18× | |
| 5÷ | 11+ | | | | 3- | | 11+ | 1- |
| | | 12+ | | 11+ | | | | |
| 12+ | | | 2- | 288× | | 4- | | 12× |
| 2÷ | | 30+ | | | 160× | | | |
| 2÷ | 24× | | | 21× | 9÷ | 5+ | | |
| | | 2- | | | | 504× | | |
| 25+ | | | | 2× | | 5- | 14× | 11+ |
| | | 6÷ | | 28× | | | | |

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ANSWERS

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 6 | 7 | 4 | 1 | 5 | 8 | 3 | 9 | 2 |
| 5 | 2 | 7 | 3 | 9 | 4 | 1 | 6 | 8 |
| 1 | 9 | 8 | 4 | 2 | 3 | 6 | 5 | 7 |
| 7 | 3 | 2 | 9 | 8 | 6 | 5 | 1 | 4 |
| 2 | 1 | 9 | 7 | 6 | 5 | 8 | 4 | 3 |
| 8 | 4 | 6 | 5 | 7 | 9 | 2 | 3 | 1 |
| 4 | 6 | 5 | 2 | 3 | 1 | 7 | 8 | 9 |
| 9 | 5 | 3 | 8 | 1 | 2 | 4 | 7 | 6 |
| 3 | 8 | 1 | 6 | 4 | 7 | 9 | 2 | 5 |

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