

# PUZZLES and BRAINS

## 12 BY 12 HITORI (NO. 18)

SHADE (OR BLACK OUT) CELLS SO THAT THERE ARE NO DUPLICATE NUMBERS IN EACH ROW AND COLUMN. SHADED (ELIMINATED) CELLS MAY NOT BE HORIZONTALLY AND VERTICALLY ADJACENT. THE REMAINING WHITE CELLS MUST FORM A SINGLE COMPONENT AND NOT BE ISOLATED.

|    |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|----|
| 8  | 6  | 10 | 7  | 12 | 3  | 1  | 6  | 5  | 3  | 11 | 7  |
| 5  | 12 | 4  | 8  | 3  | 9  | 3  | 7  | 7  | 1  | 6  | 4  |
| 7  | 2  | 1  | 4  | 8  | 4  | 9  | 4  | 9  | 3  | 1  | 6  |
| 11 | 7  | 3  | 7  | 5  | 2  | 6  | 1  | 6  | 1  | 4  | 10 |
| 5  | 5  | 8  | 11 | 4  | 8  | 2  | 8  | 10 | 12 | 1  | 4  |
| 10 | 7  | 12 | 3  | 11 | 5  | 10 | 9  | 4  | 3  | 3  | 9  |
| 4  | 11 | 10 | 10 | 5  | 7  | 5  | 12 | 5  | 8  | 11 | 3  |
| 5  | 6  | 8  | 4  | 10 | 11 | 7  | 4  | 3  | 5  | 12 | 9  |
| 3  | 10 | 5  | 6  | 4  | 6  | 9  | 8  | 9  | 7  | 4  | 12 |
| 9  | 4  | 8  | 3  | 1  | 11 | 6  | 5  | 3  | 11 | 8  | 2  |
| 12 | 6  | 11 | 7  | 3  | 4  | 10 | 7  | 2  | 6  | 12 | 8  |
| 2  | 3  | 6  | 12 | 11 | 1  | 7  | 11 | 7  | 10 | 7  | 12 |

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# ANSWERS

|    |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|----|
| 8  | 6  | 10 | 7  | 12 | 3  | 1  | 6  | 5  | 3  | 11 | 7  |
| 5  | 12 | 4  | 8  | 3  | 9  | 3  | 7  | 7  | 1  | 6  | 4  |
| 7  | 2  | 1  | 4  | 8  | 4  | 9  | 4  | 9  | 3  | 1  | 6  |
| 11 | 7  | 3  | 7  | 5  | 2  | 6  | 1  | 6  | 1  | 4  | 10 |
| 5  | 5  | 8  | 11 | 4  | 8  | 2  | 8  | 10 | 12 | 1  | 4  |
| 10 | 7  | 12 | 3  | 11 | 5  | 10 | 9  | 4  | 3  | 3  | 9  |
| 4  | 11 | 10 | 10 | 5  | 7  | 5  | 12 | 5  | 8  | 11 | 3  |
| 5  | 6  | 8  | 4  | 10 | 11 | 7  | 4  | 3  | 5  | 12 | 9  |
| 3  | 10 | 5  | 6  | 4  | 6  | 9  | 8  | 9  | 7  | 4  | 12 |
| 9  | 4  | 8  | 3  | 1  | 11 | 6  | 5  | 3  | 11 | 8  | 2  |
| 12 | 6  | 11 | 7  | 3  | 4  | 10 | 7  | 2  | 6  | 12 | 8  |
| 2  | 3  | 6  | 12 | 11 | 1  | 7  | 11 | 7  | 10 | 7  | 12 |

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