

## 边框和数独

将1到9的数字放入每个空方块中，以便每个数字在每行、每列和9个3x3区域中恰好都出现一次。

网格外的数字表示对应方向上前3位数字的总和。



|    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|
|    | 16 | 8  | 21 | 12 | 17 | 16 | 15 | 21 | 9  |    |
| 19 | 9  | 3  | 7  | 2  | 8  | 5  | 1  | 6  | 4  | 11 |
| 11 | 2  | 1  | 8  | 9  | 6  | 4  | 5  | 7  | 3  | 15 |
| 15 | 5  | 4  | 6  | 1  | 3  | 7  | 9  | 8  | 2  | 19 |
| 12 | 6  | 2  | 4  | 8  | 7  | 1  | 3  | 9  | 5  | 17 |
| 18 | 8  | 7  | 3  | 4  | 5  | 9  | 2  | 1  | 6  | 9  |
| 15 | 1  | 5  | 9  | 6  | 2  | 3  | 8  | 4  | 7  | 19 |
| 12 | 3  | 8  | 1  | 7  | 4  | 2  | 6  | 5  | 9  | 20 |
| 21 | 7  | 9  | 5  | 3  | 1  | 6  | 4  | 2  | 8  | 14 |
| 12 | 4  | 6  | 2  | 5  | 9  | 8  | 7  | 3  | 1  | 11 |
|    | 14 | 23 | 8  | 15 | 14 | 16 | 17 | 10 | 18 |    |

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武士数独 ( <https://cn.samuraisudoku.com/> )

Newdoku ( <https://newdoku.com> )

Sudoku Puzzle ( <https://sudoku puzzle.org> )