

Teetotal Sudoku

In the completed grid each row, column and 3×3 box contains the digits 1-8 and a letter T. The letter T can be orientated in any of the 4 cardinal directions. In addition, the digits in the 3 cells immediately adjacent to the arms of the letter T must add to the same total for each letter T.

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | B | | | | | |
| | 2 | | | | T | | | 3 |
| | | 1 | └ | 3 | 5 | | | 7 |
| | | | | | | | | └ |
| A | └ | | | | | | | 2 |
| | | 4 | | | T | | | 3 |
| | | 7 | | | | | | └ |
| | | T | | | | | | |
| | | 6 | | | 2 | 4 | └ | 1 |
| | 8 | | | └ | | | | 7 |

70 pts

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | B | | | | | |
| | | 3 | 5 | | 4 | 7 | | |
| | 1 | | | | | | 3 | |
| | 7 | | | 3 | | | | 8 |
| | 2 | | | | | | 5 | 7 |
| A | | | | | | | | |
| | 6 | | 7 | | | | | 3 |
| | 4 | | | | | 8 | | 6 |
| | | 8 | | | | | | 7 |
| | | | 2 | 4 | | 3 | 8 | |

80 pts

Four-in-a-Grow Sudoku

In the completed grid each row, column and 3x3 box contains the digits 1-8 and an arrow. The arrow can point in any of 8 directions. In addition, the first 4 cells encountered along the path indicated by each arrow must contain 4 different digits in increasing order of size.

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | 2 | ↘ | | | | 1 | 5 | |
| A | | | 2 | | ↙ | | | |
| | 4 | | | | | | | ↓ |
| | → | | | | | | | 2 |
| | 6 | | | 5 | | | ↙ | |
| | | | | ↗ | | | | |
| | | | → | | 4 | | | |
| | 6 | ↗ | | | | | 2 | 5 |
| | | 2 | | | | | ↖ | |

40 pts

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

130 pts

Black and White Killer Sudoku

In the completed grid each row, column and 3×3 box contains the digits 1-7, a black circle and a white circle. In addition, the grid is entirely sub-divided into cages. Each cage contains exactly one circle and some digits. All cages with a black circle must have the same digit sum. Similarly, all cages with a white circle must have the same digit sum. The respective digit sums may or may not be different. Digits cannot repeat within a cage. The outlines of the cages may need to be completed.

B

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 3 | | ○ | | | | ● |
| ○ | 7 | ● | | | | | | 4 |
| | | | | | ● | 3 | ○ | |
| | ● | 7 | ○ | | | | | |
| | | | | | | ○ | ● | |
| | ○ | 6 | ● | | | | | |
| | | | | | ○ | ● | 5 | |
| ● | 2 | 5 | | | | | | ○ |
| | | ○ | | ● | | | | 2 |

A

70 pts

B

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5 | 3 | | | | | | | 6 |
| | | | | 3 | 6 | 2 | | 5 |
| | 6 | | | 5 | 7 | | | |
| | 5 | 6 | | | | | | |
| | 4 | 7 | | ● | | 6 | 3 | |
| | | | | | | 4 | 5 | |
| | | | 7 | 1 | | | 2 | |
| 7 | | 3 | 2 | 6 | | | | |
| 1 | | | | | | | 6 | 7 |

A

180 pts

Disparity Sudoku

In the completed grid each row, column and irregular region contains the digits 1-9. In addition, neighbouring cells in different regions must be of opposite parity. The outlines of the regions may need to be completed.

B

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

60 pts

B

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

280 pts

Tee Product Sudoku

In the completed grid each row, column and 3×3 box contains the digits 1-8 and a letter T. The letter T can be orientated in any of the 4 cardinal directions. In addition, the 2-digit number reading from the stem of each letter T must be equal to the product of the two digits in the cells immediately adjacent to the side-arms of the letter T.

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 2 | 3 | | T | 7 | | |
| | 7 | | | | | | ┌ | |
| ┌ | | | | | | | | 1 |
| | | | | T | | | | |
| | └ | | | | | | 5 | |
| 4 | | | | | | | | ┌ |
| | | 1 | | | | T | | |
| | | └ | | | | 1 | | |
| | | | └ | 1 | | | | |

80 pts

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

140 pts

Secret Code Sudoku

In the completed grid each row, column and 3x3 box contains the digits 1-8 and an arrow. The arrow can point in any of 8 directions. In addition, along the path indicated by each arrow the 3 digits of a secret code must be encountered in order but not necessarily in consecutive cells.

B

| | | | | | | | | |
|----------|---|---|---|---|---|---|---|---|
| 3 | ↘ | 4 | 5 | | | | | |
| 6 | | | | 2 | ↓ | | | |
| 1 | | 7 | | | | ↙ | | |
| ↓ | | | 6 | | 5 | | 1 | |
| | 7 | | | | | | ← | |
| A | 1 | | ↗ | | 3 | | | 4 |
| | | → | | | | 7 | | 6 |
| | | | 3 | ↑ | | | | 5 |
| | | | | | 2 | 4 | 3 | ↑ |

70 pts

B

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

140 pts

Non-Consecutive Masyu Sudoku

In the completed grid each row, column and 3×3 box contains the digits 1-7, a black circle and a white circle. In addition, a loop must be drawn which visits each circle. The loop must pass straight through a white circle but turn in at least one of the neighbouring cells. The loop must turn at a black circle but cannot turn in either of the neighbouring cells. Along the loop, neighbouring cells cannot contain consecutive digits.

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | ● | ○ | 1 | | | |
| ○ | 6 | | | | | | ● | 1 |
| | ● | | | 3 | | | ○ | |
| | | | ○ | 7 | ● | | | |
| 7 | | ● | | 1 | | 6 | | ○ |
| 3 | | ○ | | | | 1 | | ● |
| ● | ○ | | | | | | 3 | 6 |
| | | 5 | 3 | | ○ | ● | | |
| | | 2 | | ● | | ○ | | |

60 pts

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

100 pts