

Example Sudoku Puzzles

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A Sudoku puzzle consists of a 9 by 9 array of squares, some of which have numbers in them, the numbers ranging from 1 through 9. The problem is to fill in all the squares such that each row, column, and 3 by 3 box includes the numbers 1 through 9 with no repetitions.

This is a collection of some 54 Sudoku puzzles which I have culled from various places. The sources include, among others: the *Sudoku Solver* [SSBL] website (labelled SE, SM, SH and SVH), *The Daily Telegraph* [Mep05] (labelled TG, TM, and TT), *The Seattle Times* (labelled ST), and some automatically generated by the `createsudoku` package [Wil06] (labelled CS).

You can try solving them yourself and/or get LaTeX to do it for you. The `solvesudoku` package [Wil06] is able to solve most, but not all of the puzzles. Other LaTeX packages may do better or worse.

The puzzles are presented in approximately increasing order of difficulty. Each source, though, has its own set of categories which don't necessarily agree with each other (and sometimes not within one source). I have included an indication of the difficulty as stated by the relevant source.

The parameters for the puzzles created via `createsudoku` are given in the table.

| Number | Seed | initialelimination |
|--------|------------|--------------------------------------|
| CS1 | 1505263462 | <code>\elimcrossandexandnines</code> |
| CS2 | 1495929734 | <code>\elimcrossandex</code> |
| CS3 | 1487762722 | <code>\elimcrossandexandnines</code> |
| CS4 | 1508763610 | <code>\elimcrossandex</code> |
| CS5 | 839068723 | <code>\elimseventeen</code> |
| CS6 | 833235143 | <code>\elimcrossandexandnines</code> |

SE5 (easy)

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

SE10 (easy)

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

SE15 (easy)

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

SE20 (easy)

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

SE25 (easy)

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

SE30 (easy)

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

TG5 (gentle)

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

TG10 (gentle)

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

TG15 (gentle)

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

TG20 (gentle)

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

TG25 (gentle)

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

TG30 (gentle)

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

ST1226 (1 star)

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

ST0206 (1 star)

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

ST0213 (1 star)

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

CS1 (level 2)

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

CS2 (level 2)

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

CS3 (level 2)

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

SM5 (medium)

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

SM10 (medium)

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

SM15 (medium)

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

SM20 (medium)

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

SM25 (medium)

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

SM30 (medium)

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

TM35 (moderate)

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

TM40 (moderate)

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

TM45 (moderate)

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

TM50 (moderate)

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

TM55 (moderate)

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

TM60 (moderate)

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

ST0914 (2 stars)

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

ST0207 (2 stars)

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

CS4 (level 4)

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

CS5 (level 4)

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

CS6 (level 4)

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

SH5 (hard)

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

SH10 (hard)

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

SH15 (hard)

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

SH20 (hard)

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

SH25 (hard)

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

SH30 (hard)

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

TT100 (tough)

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

TT105 (tough)

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

TT110 (tough)

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

TT115 (tough)

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

TT120 (tough)

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

ST1130 (3 stars)

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

ST1207 (3 stars)

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

ST1209 (5 stars)

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

ST1221 (3 stars)

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

ST1228 (3 stars)

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

ST0126 (4 stars)

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

ST0127 (5 stars)

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

ST0204 (6 stars)

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

ST0208 (3 stars)

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

ST0209 (4 stars)

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

SE5 (easy solution)

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

SE10 (easy solution)

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

SE15 (easy solution)

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

SE20 (easy solution)

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

SE25 (easy solution)

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

SE30 (easy solution)

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

TG5 (gentle solution)

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

TG10 (gentle solution)

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

TG15 (gentle solution)

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

TG20 (gentle solution)

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

TG25 (gentle solution)

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

TG30 (gentle solution)

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

ST1226 (1 star solution)

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

ST0206 (1 star solution)

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

ST0123 (1 star solution)

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

CS1 (level 2 solution)

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

CS2 (level 2 solution)

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

CS3 (level 2 solution)

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

SM5 (medium solution)

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

SM10 (medium solution)

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

SM15 (medium solution)

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

SM20 (medium solution)

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

SM25 (medium solution)

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

SM30 (medium solution)

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

TM35 (moderate solution)

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

TM40 (moderate solution)

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

TM45 (moderate solution)

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

TM50 (moderate solution)

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

TM55 (moderate solution)

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

TM60 (moderate solution)

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

ST0914 (2 star solution)

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

ST0207 (2 star solution)

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

CS4 (level 8 solution)

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

CS5 (level 8 solution)

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

CS6 (level 4 solution)

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

SH5 (hard solution)

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

SH10 (hard solution)

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

SH15 (hard solution)

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

SH20 (hard solution)

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

SH25 (hard solution)

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

SH30 (hard solution)

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

TT100 (tough solution)

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

TT105 (tough solution)

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

TT110 (tough solution)

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

TT115 (tough solution)

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

TT120 (tough solution)

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

ST1130 (3 star solution)

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

ST1207 (3 star solution)

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

ST1209 (5 star solution)

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

ST1221 (3 star solution)

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

ST1228 (3 star solution)

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

ST0126 (4 star solution)

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

ST0127 (5 star solution)

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

ST0204 (6 star solution)

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

ST0208 (3 star solution)

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

ST0209 (4 star solution)

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

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