

Sudoku #1

Super-Tough Sudoku by KrazyDad, Volume 11, Book 12

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

The difficulty of getting anything started increases with the square of the number of people involved.
-- Jim MacGregor

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scratch area

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Sudoku #2

Super-Tough Sudoku by KrazyDad, Volume 11, Book 12

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

*Brain [as in "to brain"]: To rebuke bluntly, but not pointedly; to dispel a source of error in an opponent.
-- Ambrose Bierce*

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scratch area

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Sudoku #3

Super-Tough Sudoku by KrazyDad, Volume 11, Book 12

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

*Nothing takes the taste out of peanut butter quite like unrequited love.
-- Charlie Brown*

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scratch area

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Sudoku #4

Super-Tough Sudoku by KrazyDad, Volume 11, Book 12

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

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True friendship is like sound health, the value of it is seldom known until it be lost.
-- Charles Caleb Colton

scratch area

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Sudoku #5

Super-Tough Sudoku by KrazyDad, Volume 11, Book 12

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

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*I bet the human brain is a kludge.
-- Marvin Minsky*

scratch area

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Sudoku #6

Super-Tough Sudoku by KrazyDad, Volume 11, Book 12

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

There's at least one fool in every married couple.

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scratch area

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Sudoku #7

Super-Tough Sudoku by KrazyDad, Volume 11, Book 12

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

*Machine-Independent, adj.:
Does not run on any existing machine.*

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scratch area

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Sudoku #8

Super-Tough Sudoku by KrazyDad, Volume 11, Book 12

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

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*KrazyDad runs on electricity and caffeine. Want to buy me a cup of coffee?
You can donate at <http://krazydad.com>
Or by mail: KrazyDad, P.O. Box 303 Sun Valley, CA 91353 USA
Thank you for helping out!*

scratch area

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Hints

Super-Tough Sudoku by KrazyDad, Volume 11, Book 12

Sudoku #1

| | | | | | | | | |
|---|----|----|----|----|----|----|----|----|
| 5 | 32 | | | | 14 | 1 | 33 | |
| 2 | 40 | | | 41 | 42 | 15 | | 34 |
| 3 | | 43 | 44 | 45 | | 16 | 23 | |
| | | 54 | 31 | 24 | 49 | 29 | 22 | |
| 6 | 37 | 55 | 50 | 20 | 51 | 25 | 35 | 36 |
| | 30 | 52 | 53 | 17 | 46 | 21 | | |
| | 19 | 26 | | 28 | 27 | 12 | | 7 |
| 8 | | 13 | 47 | 48 | | | 9 | 10 |
| | 38 | 39 | 18 | | | | 11 | 4 |

Sudoku #2

| | | | | | | | | |
|----|----|----|----|----|----|----|----|----|
| 13 | | 16 | 21 | 17 | | | 22 | |
| | 3 | 11 | 38 | 33 | 34 | 23 | 14 | 24 |
| 18 | | | 15 | 30 | 25 | | | 26 |
| 54 | 10 | | 48 | | 49 | 27 | 50 | 51 |
| | 12 | 19 | | | | 20 | 1 | |
| 52 | 41 | 4 | 2 | | 42 | | 53 | 43 |
| 6 | | | 35 | 31 | 36 | | | 28 |
| 44 | 45 | 5 | 46 | 39 | 47 | 7 | 32 | |
| | 40 | | | 37 | 9 | 8 | | 29 |

Sudoku #3

| | | | | | | | | |
|----|----|----|----|----|----|----|----|----|
| 10 | 13 | 8 | 52 | 47 | 20 | | 11 | 12 |
| 3 | | 4 | | | 5 | 1 | 2 | |
| | 14 | | 48 | 49 | | | 23 | 22 |
| 9 | 24 | | 50 | 51 | | 25 | | |
| | 36 | 26 | 15 | | 32 | 37 | 38 | |
| | | 39 | | 27 | 28 | | 40 | 29 |
| 6 | 35 | | | 45 | 21 | | 41 | |
| | 17 | 42 | 16 | | | 30 | | 34 |
| 7 | 19 | | 46 | 31 | 33 | 43 | 44 | 18 |

Sudoku #4

| | | | | | | | | |
|----|----|----|----|----|----|----|----|----|
| 1 | | 11 | 20 | | 12 | 27 | | 8 |
| | 45 | 46 | | 2 | 3 | 24 | 14 | |
| 47 | 48 | | 19 | 10 | 26 | | | 4 |
| 16 | 28 | 49 | 15 | | | | 50 | 5 |
| 31 | | | 35 | 38 | 30 | | | 17 |
| 51 | 52 | | | | 21 | 29 | 53 | 13 |
| 42 | | | 32 | 33 | 23 | | 6 | 9 |
| | 41 | 34 | 36 | 37 | | 40 | 7 | |
| 43 | | 44 | 18 | | 22 | 39 | | 25 |

Sudoku #5

| | | | | | | | | |
|----|----|----|----|----|----|----|---|----|
| 21 | | 22 | 14 | 18 | 19 | 15 | 7 | |
| 17 | 50 | | 51 | 52 | 42 | | | 53 |
| | 54 | | | 43 | 44 | 27 | | 45 |
| 46 | | 28 | 35 | | | 29 | 5 | 16 |
| 36 | | 13 | 47 | | 37 | 30 | | 31 |
| 32 | 11 | 24 | | | 9 | 25 | | 10 |
| 33 | | 12 | 34 | 20 | | | 1 | |
| 26 | | | 48 | 49 | 38 | | 2 | 3 |
| | 8 | 23 | 39 | 40 | 41 | 6 | | 4 |

Sudoku #6

| | | | | | | | | |
|----|----|----|----|----|----|----|----|----|
| 45 | | | 11 | 46 | | | 29 | 47 |
| 48 | 33 | 49 | 1 | 34 | 32 | 16 | 35 | 36 |
| 37 | | 38 | | | 31 | 30 | | 39 |
| 50 | 40 | | 20 | | | 21 | 3 | |
| 22 | 4 | | 17 | | 23 | | 24 | 2 |
| | 8 | 25 | | | 26 | | 27 | 28 |
| 51 | | 52 | 10 | | | 7 | | 41 |
| 53 | 42 | 54 | 12 | 5 | 18 | 13 | 43 | 44 |
| 19 | 9 | | | 6 | 14 | | | 15 |

Sudoku #7

| | | | | | | | | |
|----|----|----|----|----|----|----|----|----|
| 30 | 22 | 31 | 23 | | | 44 | 45 | 46 |
| 15 | 1 | | 14 | | 16 | | | 5 |
| | 6 | 24 | 25 | 11 | 4 | 26 | 2 | |
| | | 32 | 21 | | 20 | | 47 | 33 |
| 9 | 34 | | 55 | 12 | 48 | | 49 | 35 |
| 3 | 27 | | 7 | | 13 | 28 | | |
| | 17 | 50 | 51 | 10 | 52 | 36 | 37 | |
| 38 | | | 19 | | 39 | | 53 | 40 |
| 41 | 18 | 42 | | | 54 | 29 | 8 | 43 |

Sudoku #8

| | | | | | | | | |
|----|----|----|----|----|----|----|----|----|
| 1 | 2 | | 24 | 25 | | 3 | | |
| 53 | 26 | 12 | 49 | 6 | 7 | 50 | 15 | 16 |
| 51 | | | | 41 | | 52 | | 17 |
| | 8 | 13 | 42 | | | 23 | 43 | 19 |
| | 31 | 9 | | 32 | | 14 | 18 | |
| 33 | 11 | 34 | | | 44 | 10 | 35 | |
| 45 | | 20 | | 36 | | | | 4 |
| 46 | 27 | 37 | 47 | 38 | 48 | 22 | 39 | 21 |
| | | 28 | | 29 | 40 | | 30 | 5 |

INSTRUCTIONS: These hint grids reveal the order in which the squares were solved by my computer. It's not necessarily the same order you would use, but it's probably close. Follow the numbered squares in order 1, 2, 3, ... until you find a square you haven't solved yet. This square (or the one or two immediately after it) is a good candidate to solve next.

Answers

Super-Tough Sudoku by KrazyDad, Volume 11, Book 12

Sudoku #1

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

Sudoku #2

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

Sudoku #3

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

Sudoku #4

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

Sudoku #5

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

Sudoku #6

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

Sudoku #7

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

Sudoku #8

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