

# Sudoku #1

Super-Tough Sudoku by KrazyDad, Volume 8, Book 80

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

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"Good government is good politics."  
-- Richard J. Daley

scratch area

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# Sudoku #2

Super-Tough Sudoku by KrazyDad, Volume 8, Book 80

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

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You can't break even.

scratch area

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Sudoku #3

Super-Tough Sudoku by KrazyDad, Volume 8, Book 80

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

There comes a time when one must stop suggesting and evaluating new solutions, and get on with the job of analyzing and implementing one pretty good solution.  
-- Robert Machol

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scratch area

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Sudoku #4

Super-Tough Sudoku by KrazyDad, Volume 8, Book 80

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

It takes both a weapon, and two people, to commit a murder.

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scratch area

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Sudoku #5

Super-Tough Sudoku by KrazyDad, Volume 8, Book 80

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

The stature of a science is commonly measured by the degree to which it makes use of mathematics.  
-- S. S. Stevens

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scratch area

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Sudoku #6

Super-Tough Sudoku by KrazyDad, Volume 8, Book 80

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

You would rather blame yourself than others, but you don't waste much time doing either when things go wrong.

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scratch area

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# Sudoku #7

Super-Tough Sudoku by KrazyDad, Volume 8, Book 80

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

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Classified material is considered lost when it cannot be found.

scratch area

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# Sudoku #8

Super-Tough Sudoku by KrazyDad, Volume 8, Book 80

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

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If you've already donated, thank you so much!  
My family and I really appreciate your support.

scratch area

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## Hints

Super-Tough Sudoku by KrazyDad, Volume 8, Book 80

## Answers

Super-Tough Sudoku by KrazyDad, Volume 8, Book 80

Sudoku #1

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

Sudoku #2

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

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.

Sudoku #3

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

Sudoku #4

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

Sudoku #5

|    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|
|    | 57 |    | 8  | 30 |    | 53 | 54 | 55 |
| 19 | 22 | 28 | 40 | 41 |    | 5  | 6  |    |
|    | 56 | 24 | 13 |    | 29 |    | 47 | 3  |
|    | 21 | 25 |    | 34 | 48 | 49 |    | 50 |
|    | 2  | 31 | 42 | 43 | 26 | 27 | 44 |    |
| 33 |    | 32 | 35 | 12 |    | 14 | 1  |    |
| 16 | 15 |    | 37 |    | 45 | 39 | 9  |    |
|    | 36 | 46 |    | 38 | 7  | 51 | 52 | 4  |
| 18 | 20 | 23 |    | 10 | 11 |    | 17 |    |

Sudoku #6

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

Sudoku #7

|    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|
|    | 20 | 27 | 21 | 14 |    | 8  |    | 17 |
| 1  | 28 |    |    | 15 | 22 | 29 | 16 |    |
| 10 | 23 | 30 |    | 24 | 6  |    | 31 | 2  |
| 47 |    |    |    | 55 | 56 | 13 | 19 | 18 |
|    | 32 | 9  | 33 | 48 | 34 | 35 | 7  |    |
| 49 | 12 | 11 | 36 | 25 |    |    |    | 37 |
| 3  | 4  |    | 26 | 50 |    | 38 | 39 | 51 |
|    | 5  | 40 | 41 | 52 |    |    | 42 | 43 |
| 53 |    | 44 |    | 57 | 54 | 45 | 46 |    |

Sudoku #8

|    |   |    |    |    |    |    |    |    |
|----|---|----|----|----|----|----|----|----|
|    | 8 | 17 | 31 | 19 | 18 | 32 | 37 | 33 |
| 9  |   | 54 | 46 | 55 |    | 38 |    | 39 |
| 10 | 5 | 56 | 29 | 47 | 30 |    |    |    |
| 6  |   | 48 |    | 49 | 50 |    | 40 |    |
| 1  |   | 51 | 20 |    | 52 | 21 |    | 41 |
|    | 2 |    | 11 | 12 |    | 7  |    | 3  |
|    |   |    | 53 | 22 | 42 | 23 | 25 | 34 |
| 14 |   | 15 |    | 28 | 24 | 27 |    | 26 |
| 13 | 4 | 16 | 43 | 44 | 45 | 35 | 36 |    |

Sudoku #1

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

Sudoku #3

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

Sudoku #5

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

Sudoku #7

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

Sudoku #2

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

Sudoku #4

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

Sudoku #6

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

Sudoku #8

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