

## Sudoku #1

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

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Fill in the blank squares so that each row, each column and each 3-by-3 block contain all of the digits 1 thru 9.

If you use logic you can solve the puzzle without guesswork.

Need a little help? The hints page shows a logical order to solve the puzzle. Use it to identify the next square you should solve. Or use the answers page if you really get stuck.

"He who has great power should use it lightly."  
 -- Lucius Annaeus Seneca

## Sudoku #2

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

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"The roots of education are bitter, but the fruit is sweet."  
 -- Aristotle

## Sudoku #3

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

"I did not have three thousand pairs of shoes. I had one thousand and sixty."  
-- Inelda Marcos

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## Sudoku #4

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

"Love demands infinitely less than friendship."  
-- George Jean Nathan

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Fill in the blank squares so that each row, each column and each 3-by-3 block contain all of the digits 1 thru 9.

If you use logic you can solve the puzzle without guesswork.

Need a little help? The hints page shows a logical order to solve the puzzle. Use it to identify the next square you should solve. Or use the answers page if you really get stuck.

## Sudoku #5

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

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Fill in the blank squares so that each row, each column and each 3-by-3 block contain all of the digits 1 thru 9.

If you use logic you can solve the puzzle without guesswork.

Need a little help? The hints page shows a logical order to solve the puzzle. Use it to identify the next square you should solve. Or use the answers page if you really get stuck.

The likelihood of anything happening is in direct proportion to the amount of trouble it will cause if it does happen. -- Sam W. Warren

## Sudoku #6

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

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Fill in the blank squares so that each row, each column and each 3-by-3 block contain all of the digits 1 thru 9.

If you use logic you can solve the puzzle without guesswork.

Need a little help? The hints page shows a logical order to solve the puzzle. Use it to identify the next square you should solve. Or use the answers page if you really get stuck.

All hackers do it with robots.

## Sudoku #7

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

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Fill in the blank squares so that each row, each column and each 3-by-3 block contain all of the digits 1 thru 9.

If you use logic you can solve the puzzle without guesswork.

Need a little help? The hints page shows a logical order to solve the puzzle. Use it to identify the next square you should solve. Or use the answers page if you really get stuck.

In times of crisis, it is of utmost importance not to lose one's head.  
-- Marie Antoinette

## Sudoku #8

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

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Fill in the blank squares so that each row, each column and each 3-by-3 block contain all of the digits 1 thru 9.

If you use logic you can solve the puzzle without guesswork.

Need a little help? The hints page shows a logical order to solve the puzzle. Use it to identify the next square you should solve. Or use the answers page if you really get stuck.

KrazyDad's puzzle website is maintained with the help of your generous donations.  
Or by mail: KrazyDad, P.O. Box 303, San Valley, CA 91353 USA  
Thank you!

# Hints

Challenging Sudoku by KrazyDad, Volume 13, Book 19

# Answers

Challenging Sudoku by KrazyDad, Volume 13, Book 19

Sudoku #1

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

Sudoku #2

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

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 #1

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

Sudoku #2

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

Sudoku #3

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

Sudoku #4

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

Sudoku #3

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

Sudoku #4

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

Sudoku #5

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

Sudoku #6

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

Sudoku #5

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

Sudoku #6

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

Sudoku #7

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

Sudoku #8

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

Sudoku #7

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

Sudoku #8

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