

Sudoku #1

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

During an exam, the pocket calculator battery will fail.
-- M. M. Johnson

Sudoku #2

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

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If someone had told me I would be Pope one day, I would have studied harder.
-- Pope John Paul I

Sudoku #3

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

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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.

Q: Why do ducks have flat feet?
 A: To stamp out (press flat) feet?
 Q: Why do elephants have flat feet?
 A: To stamp out (stamp) flat feet.

Sudoku #4

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

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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.

"There hasn't been any art yet. Art is just beginning."
 -- Constantin Brancusi

Sudoku #5

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

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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.

"If men were angels, no government would be necessary."
-- James Madison

Sudoku #6

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

"O, wind, if winter comes, can spring be far behind?"
-- Percy Bysshe Shelley

Sudoku #7

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

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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.

I had a monumental idea this morning, but I didn't like it.
-- Samuel Goldwyn

Sudoku #8

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

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 318, Vallejo, CA 91333 USA
Thank you for helping out!

Hints

Challenging Sudoku by KrazyDad, Volume 19, Book 11

Answers

Challenging Sudoku by KrazyDad, Volume 19, Book 11

Sudoku #1

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

Sudoku #2

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

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

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

Sudoku #2

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

Sudoku #3

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

Sudoku #4

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

Sudoku #3

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

Sudoku #4

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

Sudoku #5

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

Sudoku #6

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

Sudoku #5

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

Sudoku #6

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

Sudoku #7

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

Sudoku #8

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

Sudoku #7

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

Sudoku #8

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