

Sudoku #1

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

The best index to a person's character is (a) how he treats people who can't do him any good, and (b) how he treats people who can't fight back.
-- Abigail Van Buren

Sudoku #2

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

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Systems have sub-systems and sub-systems have sub-systems and so on ad infinitum -- which is why we're always starting over!
-- Epigrams in Programming, ACM SIGPLAN Sept. 1982

Sudoku #3

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

For here we are not afraid to follow truth wherever it may lead, nor to tolerate error so long as reason is free to combat it. -- Thomas Jefferson

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Sudoku #4

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

"Have enough sense to know, ahead of time, when your skills will not extend to wallpapering." -- Marilyn vos Savant

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Sudoku #5

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

With all the fancy scientists in the world, why can't they just once build a nuclear plant?

Sudoku #6

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

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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.

"Harmony makes small things grow, lack of it makes great things decay."
-- Saffron

Sudoku #7

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

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Give him a call, he'd like to see you.

Sudoku #8

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

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Want to help me replace my broken pencil sharpener?
You can make a donation to my tip jar: [krazydad.com](https://www.krazydad.com)
Or by mail: KrazyDad, P.O. Box 303, San Valley, CA 91553 USA
Thank you!

Hints

Challenging Sudoku by KrazyDad, Volume 24, Book 1

Answers

Challenging Sudoku by KrazyDad, Volume 24, Book 1

Sudoku #1

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

Sudoku #2

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

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

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

Sudoku #2

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

Sudoku #3

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

Sudoku #4

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

Sudoku #3

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

Sudoku #4

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

Sudoku #5

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

Sudoku #6

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

Sudoku #5

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

Sudoku #6

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

Sudoku #7

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

Sudoku #8

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

Sudoku #7

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

Sudoku #8

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