

Sudoku #8

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

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 300, San Mateo, CA 91333 USA
 Thank you for helping out!

Sudoku #1

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

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Man is demotising nature. We are killing things that keep us alive.
 -- Thor Heyerdahl

Sudoku #2

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

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"Love is supreme and unconditional; like is nice but limited."
-- Dike Ellington

Sudoku #7

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

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The gates of hell are open night and day; Smooth the desert, and easy is the way; But to return, and view the cheerful seas, In this the task and mighty proof lies.
-- Dryden

Sudoku #6

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

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There must be an ideal world, a sort of mathematician's paradise where everything happens as it does in textbooks. --Bernhard Kassel

Sudoku #3

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

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"Don't fight forces, use them."
--K. Buckminster Fuller

Sudoku #4

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

Science does not have a moral dimension. It is like a knife. If you give it to a surgeon or a murderer, each will use it differently. -- Werner von Braun

Sudoku #5

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

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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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Procrastinators do it tomorrow.

Hints

Challenging Sudoku by KrazyDad, Volume 13, Book 96

Answers

Challenging Sudoku by KrazyDad, Volume 13, Book 96

Sudoku #1

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

Sudoku #2

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

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

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

Sudoku #2

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

Sudoku #3

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

Sudoku #4

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

Sudoku #3

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

Sudoku #4

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

Sudoku #5

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

Sudoku #6

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

Sudoku #5

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

Sudoku #6

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

Sudoku #7

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

Sudoku #8

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

Sudoku #7

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

Sudoku #8

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