

Sudoku #1

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

"The whole point of getting things done is knowing what to leave undone."
-- Oswald Chambers

Sudoku #2

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

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Good-bye. I am leaving because I am bored.
-- George Saunders dying words

Sudoku #3

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

The greatest programming project of all took six days: on the seventh day the programmer rested. We've been trying to debug the blanking thing ever since.
Moral: design before you implement.

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Sudoku #4

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

Nothing is ultimate.

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Sudoku #5

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

"The only Zen you can find on the tops of mountains is the Zen you bring up there."
-- Robert M. Pirsig

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Sudoku #6

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

Don't change the reason, just change the excuses!
-- Joe Cornini

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Sudoku #7

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

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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.

Sudoku #8

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

Fortune brings in some boats that are not steered.

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

Hints

Challenging Sudoku by KrazyDad, Volume 7, Book 82

Answers

Challenging Sudoku by KrazyDad, Volume 7, Book 82

Sudoku #1

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

Sudoku #2

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

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

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

Sudoku #2

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

Sudoku #3

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

Sudoku #4

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

Sudoku #3

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

Sudoku #4

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

Sudoku #5

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

Sudoku #6

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

Sudoku #5

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

Sudoku #6

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

Sudoku #7

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

Sudoku #8

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

Sudoku #7

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

Sudoku #8

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