

Sudoku #1

	5							
	7	3					5	
		1		2	5			6
7	9				8			
			3		7			
			2				9	1
9			6	8		5		
	3					2	4	
							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 walks as if balancing the family tree on his nose.

Sudoku #2

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

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We learn from experience. A man never wakes up his second baby just to see if smile.

Sudoku #3

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

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"When love and skill work together, expect a masterpiece."
 -- John Ruskin

Sudoku #4

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

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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 return we reap from generous actions is not always evident."
 -- Francesco Guicciardini

Sudoku #5

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

"The poets have been mysteriously silent on the subject of cheese."
 -- Gilbert K. Chesterton

Sudoku #6

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

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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.

Never try to teach a pig to sing; it wastes your time and it annoys the pig.

Sudoku #7

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

Stockmayer's Theorem: If it looks easy, it's tough. If it looks tough, it's damn near impossible.

Sudoku #8

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

Want to help me replace my broken pencil sharpener?
You can make a donation at <http://krazydad.com>
Or by mail: KrazyDad, P.O. Box 303 Sun Valley, CA 91353 USA
Thank you!

Hints

Challenging Sudoku by KrazyDad, Volume 19, Book 78

Answers

Challenging Sudoku by KrazyDad, Volume 19, Book 78

Sudoku #1

53		10	15	11	44	23	27	54
55			16	45	26	24		46
56	47		4			3	17	
		32	35	36		20	37	5
48	57	49		6		21	38	14
7	39	31		33	40	8		
	50	51			9		2	1
41		28	34	29	13			22
52	42	30	25	43	12	18		19

Sudoku #2

49	50		8	17		22	51	10
		13		27		26	24	
52		45	9	21	28	25	46	16
	40	41	34		4	3	12	
7		42	35	36	18	37		15
	43	44	19		11	38	20	
14	53	54	32	55	29	30		2
	39	5		33		31		
56	57	47		48	6		23	1

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

Sudoku #2

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

Sudoku #3

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

Sudoku #4

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

Sudoku #3

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

Sudoku #4

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

Sudoku #5

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

Sudoku #6

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

Sudoku #5

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

Sudoku #6

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

Sudoku #7

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

Sudoku #8

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

Sudoku #7

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

Sudoku #8

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