

Sudoku #1

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

The greatest genius is never so great as when it is chastised and subdued by
-- Colton

Sudoku #2

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

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"Hello," he lied.
-- Don Carpenter quoting a Hollywood agent

Sudoku #3

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

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*The trouble with a kitten is that
When it grows up, it's always a cat
-- Ogden Nash.*

Sudoku #4

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

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Talk of the devil, and his horns appear.

Sudoku #5

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

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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.

"The voyage of discovery is not in seeking new landscapes but in having new eyes."
-- Marcel Proust

Sudoku #6

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

Lazio's Chinese Relativity Axiom:
No matter how great your triumphs or how tragic your defeats --
approximately one billion Chinese couldn't care less.

Sudoku #7

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

"It runs like -x, where -x is something unsavory"
 -- Prof. Romas Altilunas, CS 435

Sudoku #8

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

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 Give online 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 23

Answers

Challenging Sudoku by KrazyDad, Volume 19, Book 23

Sudoku #1

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

Sudoku #2

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

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

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

Sudoku #2

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

Sudoku #3

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

Sudoku #4

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

Sudoku #3

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

Sudoku #4

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

Sudoku #5

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

Sudoku #6

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

Sudoku #5

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

Sudoku #6

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

Sudoku #7

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

Sudoku #8

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

Sudoku #7

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

Sudoku #8

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