

Sudoku #8

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

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 303 Sun Valley, CA 91353 USA
 Thank you for helping out!

Sudoku #1

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

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Microwave oven? Whaddya mean, it's a microwave oven? I've been watching Channel 4 on the tiling for two weeks.

Sudoku #2

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

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You can't always get what you want, but if you try some time you just might find you get what you need.

Sudoku #7

2		8			6		4	
				4				7
			9	2				
5						9		1
		1	5	3	2	4		
7		3						6
				5	9			
1				8				
	9		1			6		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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Randomness: The property required to make statistical calculation come out right.

Sudoku #6

				9	5			2
						4		
4		9	2	8				1
					3		6	
	6	1				7	3	
	7		8					
6				7	2	9		8
		3						
9			6	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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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's Office Door- Sign of the Week: Incongrible punster -- Do not incorrigle.

Sudoku #3

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

"Be thankful we're not getting all the government we're paying for."
-- Will Rogers

Sudoku #4

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

Small habits well pursued, bring us, May reach the dignity of crimes. -- Hannah More

Sudoku #5

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

Got Mole problems?
Call Avogadro 6.02 x 10²³

Hints

Challenging Sudoku by KrazyDad, Volume 19, Book 100

Sudoku #1

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

Sudoku #2

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

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 #3

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

Sudoku #4

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

Sudoku #5

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

Sudoku #6

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

Sudoku #7

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

Sudoku #8

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

Answers

Challenging Sudoku by KrazyDad, Volume 19, Book 100

Sudoku #1

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

Sudoku #2

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

Sudoku #3

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

Sudoku #4

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

Sudoku #5

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

Sudoku #6

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

Sudoku #7

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

Sudoku #8

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