

# Sudoku #1

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

Divest!

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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.

# Sudoku #2

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

*Real Programs don't use shared text. Otherwise, how can they use functions for scratch space after they are finished calling them?*

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# Sudoku #3

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

*The cruelest thing that has happened to Lincoln since he was shot by Booth was to fall into the hands of Sandburg.  
-- Edmund Wilson*

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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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# Sudoku #4

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

Security check: INTRUDER ALERT!

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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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# Sudoku #5

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

"The aim of life is to live, and to live means to be aware, joyously, drunkenly, serenely, divinely aware."  
 -- Henry Miller

# Sudoku #6

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

Carelessly planned projects take three times longer to complete than expected; Carefully planned projects only twice as long.

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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.

# Sudoku #7

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

"Keep love in your heart. A life without it is like a sunless garden when the flowers are dead."  
 -- Oscar Wilde

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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.

# Sudoku #8

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

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 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 16, Book 9

Sudoku #1

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

Sudoku #2

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

Sudoku #3

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

Sudoku #4

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

Sudoku #5

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

Sudoku #6

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

Sudoku #7

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

Sudoku #8

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

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.

# Answers

Sudoku #1

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

Sudoku #2

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

Sudoku #3

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

Sudoku #4

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

Sudoku #5

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

Sudoku #6

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

Sudoku #7

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

Sudoku #8

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