

Sudoku #8

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

Sudoku #1

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

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Sudoku #2

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

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It is no pleasure to build a web and catch only flies when one knows there is a wasp about.

Sudoku #7

8			7			5	1	
2				9				8
		5	8			4		2
			6			3	8	
	3	6			8			
6		2			4	8		
1				5				4
	5	4			2			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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Wie geht's?

Sudoku #6

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

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Sudoku #3

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

Sudoku #4

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

Heuristics are bug ridden by definition. If they didn't have bugs, then they'd be algorithms.

Sudoku #5

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

I only touch base with reality on an as-needed basis!
-- Royal Floyd Mengot (Klaus)

Hints

Intermediate Sudoku by KrazyDad, Volume 19, Book 98

Answers

Intermediate Sudoku by KrazyDad, Volume 19, Book 98

Sudoku #1

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

Sudoku #2

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

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

Sudoku #2

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

Sudoku #3

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

Sudoku #4

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

Sudoku #3

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

Sudoku #4

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

Sudoku #5

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

Sudoku #6

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

Sudoku #5

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

Sudoku #6

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

Sudoku #7

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

Sudoku #8

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

Sudoku #7

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

Sudoku #8

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