

Sudoku #1

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

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.

Accuracy: The vice of being right

Sudoku #2

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

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One can't proceed from the informal to the formal by formal means.

Sudoku #3

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

*Few love to hear the sins they love to act.
 -- Shakespeare*

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Sudoku #4

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

*Private enterprise, indeed, became too private. It became privileged
 enterprise, not private enterprise.
 -- Franklin D. Roosevelt*

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Sudoku #5

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

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It's clever, but is it art?

Sudoku #6

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

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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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*"I thought you were trying to get into shape."
I am. The shape I've selected is a triangle."*

Sudoku #7

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

In judging others, folks will work overtime for no pay.
-- Charles Edwin Carnahan

Sudoku #8

			7			2	4	
6		1	2				3	
					8			9
		9		4			6	
5								3
	1			3		8		
8			4					
	5				3	4		2
	6	2			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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KrazyDad's puzzle website is maintained with the help of your generous donations.
Or by mail: KrazyDad, P.O. Box 303, San Valley, CA 91353 USA
Thank you!

Hints

Challenging Sudoku by KrazyDad, Volume 19, Book 71

Answers

Challenging Sudoku by KrazyDad, Volume 19, Book 71

Sudoku #1

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

Sudoku #2

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

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

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

Sudoku #2

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

Sudoku #3

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

Sudoku #4

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

Sudoku #3

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

Sudoku #4

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

Sudoku #5

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

Sudoku #6

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

Sudoku #5

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

Sudoku #6

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

Sudoku #7

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

Sudoku #8

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

Sudoku #7

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

Sudoku #8

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