

Helpful Sudoku

Puzzle 07 of 10 | X Sudoku

Hard | 19 clues | Clues only

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

<https://helpful-sudoku.com>

Every row, column and 3 x 3 box contains 1-9 once. Both diagonals do too.

Notes:

Hard:

X Sudoku with one to three branching choices, or no branching choices with more hidden singles than naked singles.

Helpful Sudoku

Puzzle 07 of 10 | X Sudoku

Hard | 19 clues | Clues + candidates

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

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Candidates show legal possibilities in the starting grid. Cross them out as you solve.

Hard:

X Sudoku with one to three branching choices, or no branching choices with more hidden singles than naked singles.

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Puzzle 07 of 10 | X Sudoku

Hard | 19 clues | Solution

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

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Every row, column and 3 x 3 box contains 1-9 once. Both diagonals do too.

Original clues are bold. Other digits complete the solution.

Hard:

X Sudoku with one to three branching choices, or no branching choices with more hidden singles than naked singles.