

Sudoku

To solve a sudoku puzzle, fill in the blanks with the digits 1 through 9 in such a way that each digit appears exactly once in each row, column, and 3-by-3 block.

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

sample puzzle

sudoku

answer

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