Sudoku

Fill the grid with the numbers 1 to 4 in such that each number appears only once in each row, column and region (2 by 2 block). Never guess the place of a number and only fill it in when you are sure.

2	3	1	
3		2	

	2	
4		
3	1	

2		4
		3
1		

1		
2	4	
	3	

Solution

4	1	3	2
2	3	1	4
1	2	4	3
3	4	2	1

3	1	2	4
2	4	3	1
4	3	1	2
1	2	4	3

3	4	2	1
2	1	3	4
4	2	1	3
1	3	4	2

4	1	2	3
3	2	4	1
2	3	1	4
1	4	3	2