



# MSC Contest Problem

**Problem type : Outside Sudoku**

**Rules:**

1. Outside Sudoku is a variation of the standard sudoku. Some digits are given outside the grid. These digits must appear in the first three cells in the corresponding direction.
2. **Note the answer key, all digits in highlighted cell without space, left to right.**
3. **Submit the answer key at the form.**



## Problem 2 - Outside Sudoku [Medium]

The grid is a 9x9 grid with 3x3 sub-grids. The top row of the first sub-grid (row 5) is highlighted in yellow, and the top row of the second sub-grid (row 7) is highlighted in red. Numbers are placed around the grid to indicate constraints for rows, columns, and sub-grids.

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

Numbers around the grid:

- Top: 1, 2, 3, 3, 8, 5, 2
- Left: 2, 8, 6, 3, 7, 3, 5, 1, 4
- Right: 8, 2, 4, 3, 3, 4, 9, 2, 8
- Bottom: 4, 9, 7, 1, 6, 8, 1, 8, 1, 3