ASTERISK SUDOKU

Fill digits 1-9 in the empty spaces of the grid so that they appear exactly once in each row, column, and 3×3 square.

Digits 1-9 must also appear uniquely in the asterisk pattern indicated by the grey cells.

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