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.

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