EVEN-ODD SUDOKU

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

Additionally, cells with gray circles must contain odd digits and those with gray squares must contain even digits.

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