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.

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