DIAGONAL 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 along the two main diagonals indicated by grey lines.

	3		8	9		2	7
တ	4		6	3			5
1		4		2		6	
	9				7	5	4
7		5	\times		9		
	5						6
3						4	1
4							
					2	9	