

# Entropy Sudoku by Philip Newman

Standard Sudoku rules (insert a number from 1 to 9 into each cell so that no number repeats in any row, column, or bold region). Additionally, each 2x2 set of cells in the grid (including those sets that cross region boundaries) must contain at least one low number {1, 2, 3}, at least one medium number {4, 5, 6}, and at least one high number {7, 8, 9}. (For example, R3C34 could contain 1677 but not 2378 since there is no medium number in 2378.)

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

*Ordered Entropy*