

Superconsecutive Sudoku by Bill Murphy

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). There is one circled number N in every 3×3 region. If any number in that particular region has a neighbor within the same region that shares an edge and differs by exactly N, a black circle is placed between them. All possible black circles are given.

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