

Nonconsecutive Ratio Pairs 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). No two orthogonally adjacent cells can be consecutive (i.e., differ by 1). Also, if a black circle is given between two adjacent cells, then the two numbers must have a ratio of 2. Pairs of cells without circles can have any relationship. (The numbers 1 and 2 can be adjacent if and only if there is a black circle between them.)

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

Partial Pairs