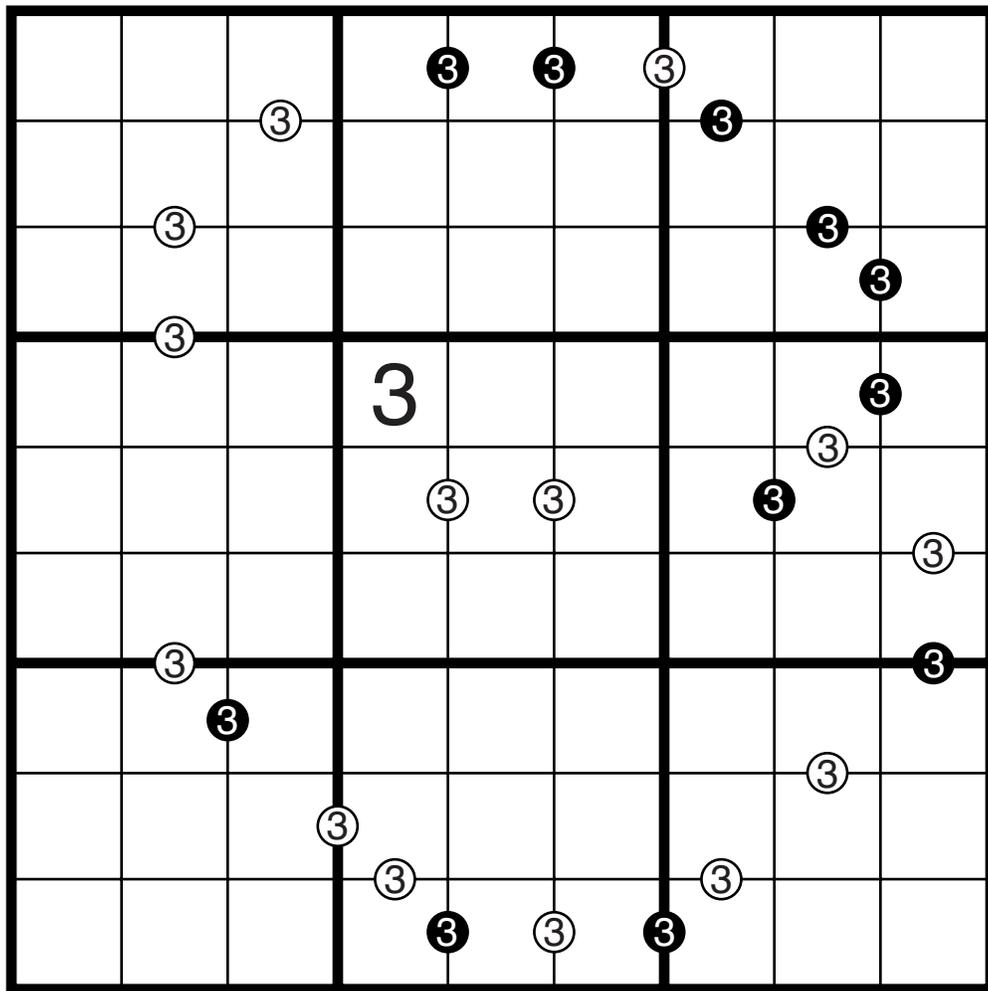# Difference / Ratio Pairs Sudoku by Philip Newman

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). If a white circle is given between two adjacent cells, then the two numbers must have a difference equal to the given number. If a black circle is given between two adjacent cells, then the two numbers must have a ratio equal to the given number. Pairs of cells without circles can have any relationship.

Three's Allowed