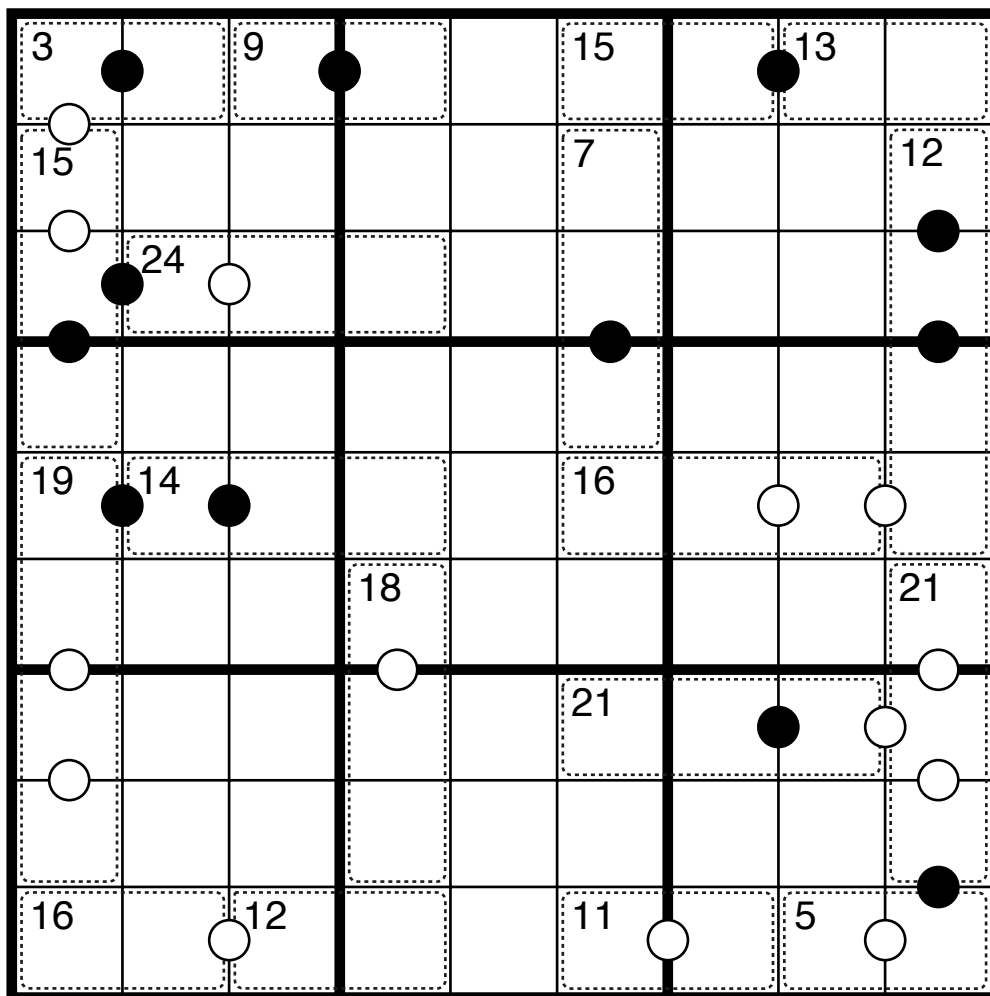


# Kropki Pairs Killer Sudoku by Philip Newman

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 in those cells must differ by 1. 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. Also, the sum of the numbers in each cage must equal the value given in the upper-left corner of that cage.



*Less Taxing Math*