

Magic Sudoku

by Alexandre Owen Muniz

				7			6	
2								
	9			5				
						1		
		4						
					3	8		

The rules of standard sudoku apply: every row, column, and 3×3 square must be filled in with all of the numbers from 1 to 9. but with the following additional restrictions:

- * Both of the main diagonals must also contain every number between 1 and 9.
- * Each number inside the polyomino (blue cells) must be no larger than the number of blue cells in its 3×3 square. Conveniently, this number is the given in that 3×3 square.

There is a unique solution.

David Eppstein wrote a program to find the arrangement of givens in this puzzle. Aaron Humphries also contributed to the puzzle's design.