Slithery Sum Sudoku

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Instructions

Complete the sudoku and slitherlink puzzles at right together.

The slitherlink puzzles must contain a single loop with no intersections or stops and must follow the grid markers given. The numbers tell the amount of adjacent spaces that must contain a wall as part of the loop.

The completed loop from the slitherlink must be placed on top of the sudoku puzzle to its right to split each row and column into multi-digit numbers. The numbers given outside the sudoku grids are the sums of the multidigit numbers within the grid.

Example

After loop is added, you get:
1 + 23 + 4 = 28

Puzzle 1 sum clues (right side): 289, 2521, 75349, 5149, 5284, 4645, 37252

Puzzle 1 sum clues (bottom): 316, 370, 37, 766, 550, 829

Puzzle 2 sum clues (right side): 190, 1684, 235, 694, 7192, 784, 4213

Puzzle 2 sum clues (bottom): 1495, 73, 6301, 55, 703, 91

Puzzle 3 sum clues (right side): 2557, 199, 145, 262, 550, 523, 352

Puzzle 3 sum clues (bottom): 74341, 5410, 559, 3205, 24769, 82