Japanese Sums Sudoku by clover!

Rules: Insert a number from 1 to 9 into each cell so that no number repeats in any row, column, or bold region. This is also a two-color Japanese Sums puzzle. Some cells must be shaded gray or red, and the clues outside the grid indicate the sums of numbers in adjacent shaded groups (one or more cells) in that row or column in order from left to right or top to bottom. Each same colored sum is separated by at least one unused cell, while gray and red regions can touch without a cell between. All outside clues are given in this puzzle, meaning all shaded groups are clued. (Outside red clues are also underlined to help identify them from the gray clues.)

