Slovak Sums

Place the digits 1-6 in each column, each row and in all nine 3x3 regions so that each digit appears exactly once in each row and column. Cells may remain empty. A cell cannot contain more than one digit. Some clues are given in the grid; digits should not be placed in cells with clues. Each clue indicates the sum of the digits next to the clue. The small digit indicates the number of adjacent cells with a digit.

	9 2						5 2	
		8 3				9 3		
				12 3				
8 2				8 2				6 2
				6 3				
		12 3				17 3		
	4 2		5	2	6		6 2	