SUDOKU - killer

Fill in the whole grid with numbers from 1 to 9 so that no digit is repeated within a row, a column or an outlined 3x3 square.
There are some small coloured cages marked in the grid. For all of them, the following rules apply: number in the top left corner indicates the sum of all the numbers within the cage, whereas all of these numbers must be distinct. White is a colour as well.

7		35	23			35		6
			20		16			
		15		45				14
9								
							18	
8		10			10		34	
35		9			10			17
		8		21				