JAPANESE SQUARE PLUS

Place digits 1–6 into each column and on each row exactly once. Numbers outside the grid indicate the sums of blocks of digits in that row or column. These sums are placed in increasing order, not necessarily in the order of the solution. Blocks have to be separated by at least one empty cell.

			3	7					1	
			8	7	6		6	5	5	4
			10	7	15	21	15	16	15	17
7	7	7								
	10	11								
2	6	13								
6	6	9								
		21				3				
		21								
3	3	15								
	9	12								