Shikaku/Rectangles (5 by 5)

Fill the grid with rectangular and squared areas such that each cell in that area contains the same number as the representing circles. Example: a circle with a four is part of a rectangle or square of 4 cells (2 by 2 or 4 by 1), a 6 is part of a 6 by 1 or 2 by 3 shape.

3			2	
5				
2		3		6
	4			

		5		
	4			
3	2			
			6	
	5			

Answers

3	3	3	2	2
5	5	5	5	5
2	2	3	6	6
4	4	3	6	6
4	4	3	6	6

5	5	5	5	5
3	4	4	4	4
3	2	6	6	6
3	2	6	6	6
5	5	5	5	5