Challenge Problem 41: Shikaku

A Shikaku puzzle is completed by dividing up a rectangular grid into smaller rectangles. The objective is to divide the grid into rectangular pieces such that each piece contains exactly one number, and that number represents the area of the rectangle.

Complete the Shikaku puzzle below.

		8					6
6							
		2			4		4
		3					
			6	5		6	
	4		2		4		
			2				2