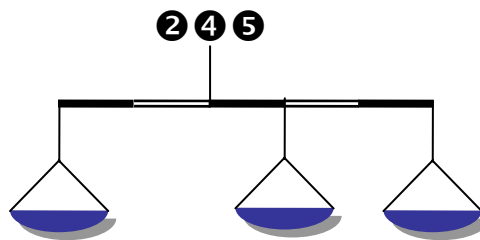
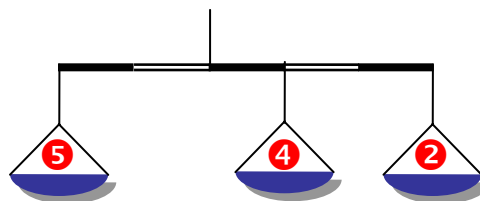


### Weights

Place the given weights in the pans – one weight per pan - so that the scales balance.  
 Note: The weight of the rods and pans can be ignored; the stripes on each rod are exactly the same length.

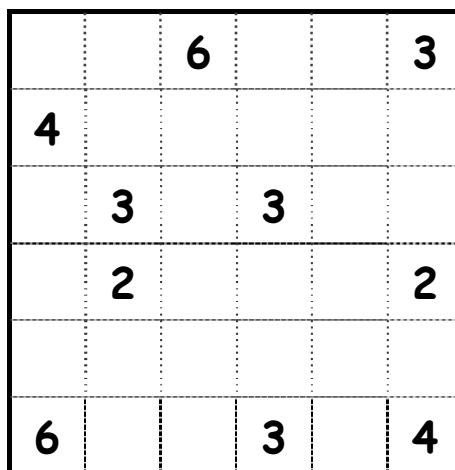


Solution

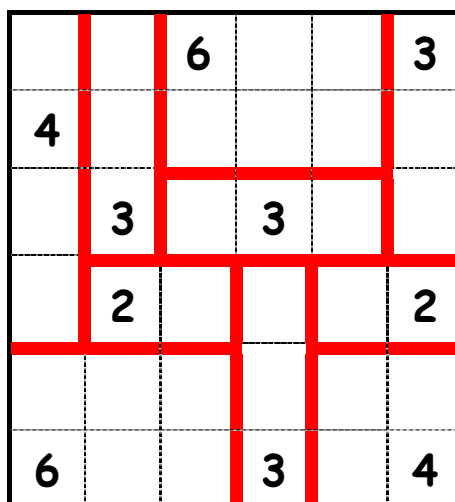


### Shikaku

Divide the grid below into rectangles so that a) Each rectangle contains one of the given numbers and b) each rectangle contains as many cells as the number it encloses.

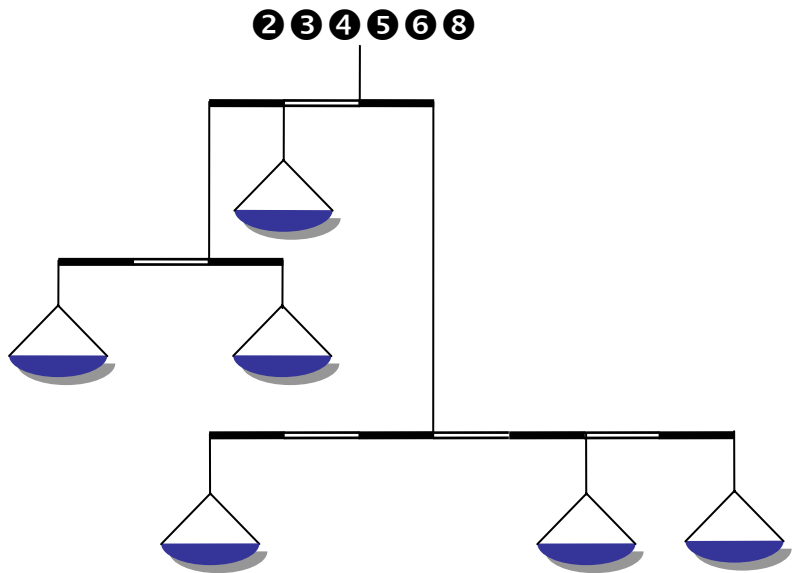
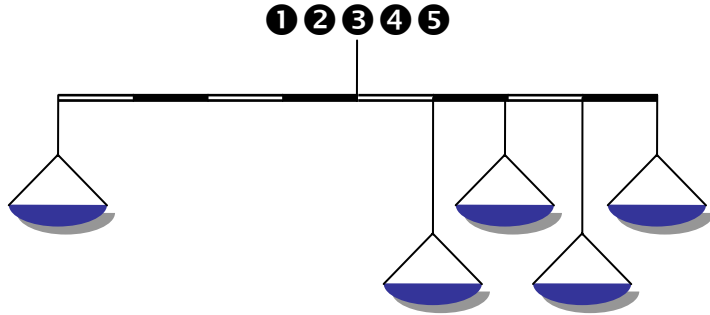


Solution



### Weights

Place the given weights in the pans – one weight per pan - so that the scales balance.  
Note: The weight of the rods and pans can be ignored; the stripes on each rod are exactly the same length.



### Shikaku

Divide the grid below into rectangles so that a) Each rectangle contains one of the given numbers and b) each rectangle contains as many cells as the number it encloses. Remember: a square is also a rectangle

		1		2	
	6	5			3
6					
				3	
				4	
			6		

	8				
		3	1		6
			3		
	6			3	2
		4			

3					
3			2		6
			4		
	3				8
		3	2		
	9				
				6	4
3					

2		2			4	2			6
4									
	2								
								4	3
	10			20			3		
					16			2	
		4					2		
	6								
			14					5	6
2							2		