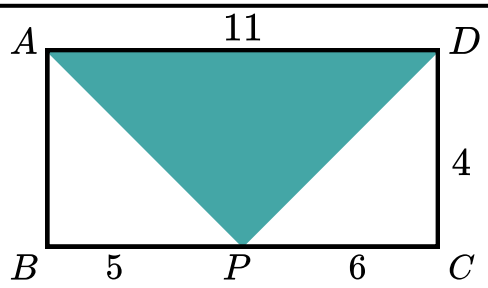
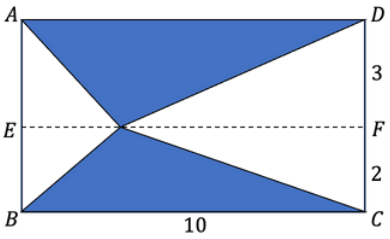
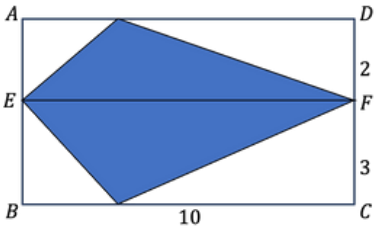
Think Academy Online Campus

Triangle Model

	
Area of Rectangle ABCD	4 × 11 = 44
Area of Shaded Region	½ × 4 × 11 = 22
Area of Unshaded Region	½ × 4 × 5 + ½ × 4 × 6 = ½ × 4 × (5 + 6) = 22

I noticed that both the shaded and unshaded regions are triangles!

Did you notice that the area of the shaded region is actually the same as the unshaded region? It is a Half-Area Model!

		
Area of Rectangle ABCD		
Area of Shaded Region		
Area of Unshaded Region		

$$A_{\text{unshaded}} = A_{\text{total}} - A_{\text{shaded}}$$

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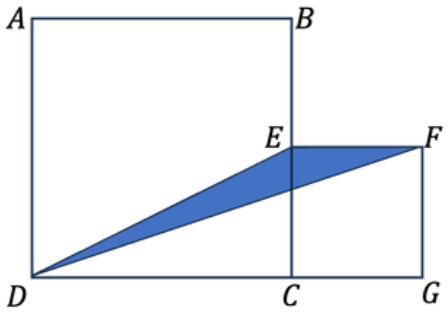
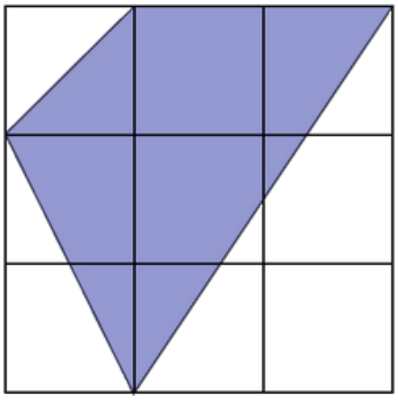
Triangle Model

Name : _____

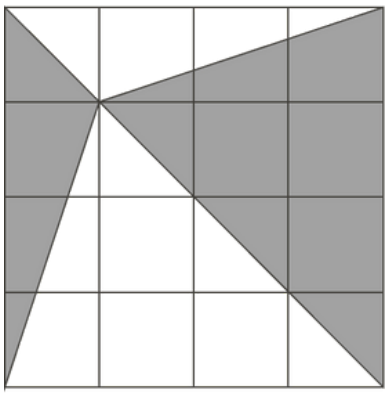
Two squares are arranged next to each other. If the area of square ECGF is 80 cm^2, the area of the shaded part is _____ cm^2.



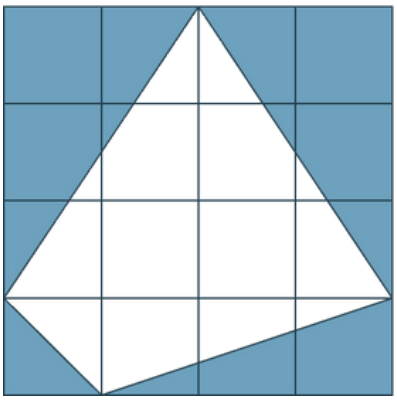
Given that each grid has a side length of 1, the area of the shaded part is _____.



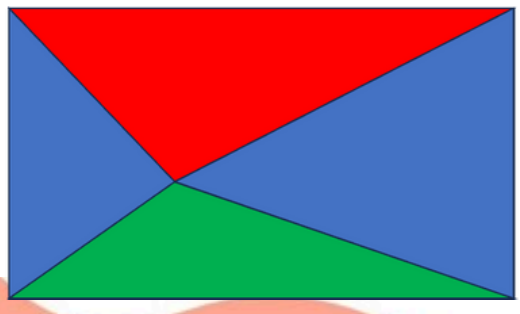
Given that each grid has a side length of 1, the area of the shaded part is _____.



Given that each grid has a side length of 2, the area of the shaded part is _____.



Given that the area of the blue part is 42 cm^2 and the area of the red part is 24cm^2, the area of the green part is _____ cm^2.



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