
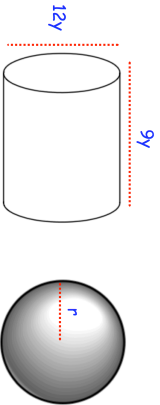

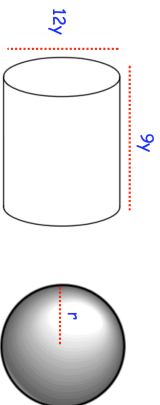


7th April		Corbettmaths
Two clay models of the Statue of Liberty are mathematically similar.		
The smaller model has a height of 15cm. The larger model has a height of 20cm. The smaller model weighs 108g.		
Work out the weight of the larger model.		
Write $x^2 - 6x + 17$ in the form $(x - a)^2 + b$		
 <p>The cylinder and sphere have the same volume</p>	Express r in terms of y	
Solve		
$x^2 + y^2 = 36$ $\frac{1}{2}x = y + 3$		

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