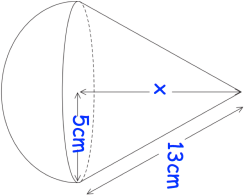
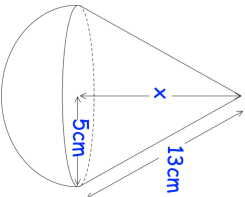


18th October		Corbettmaths	
	Find x		
	Calculate the volume of the solid shown.		
<p>The line <math>x - 3y = 12</math> meets the y-axis at the point A and the x-axis at the point B.</p> <p>Find the distance between the midpoint of AB and the origin.</p>			
<p>A bag contains 6 red counters and 2 white counters.</p> <p>James takes two counters at random, without replacement from the bag.</p> <p>If these two counters are the same colour, Paul will take two counters from the bag, without replacement.</p> <p>Prove the difference between the squares of two consecutive numbers is equal to the sum of the two numbers.</p>	Find the probability that Paul picks two counters that are not the same colour.		

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