
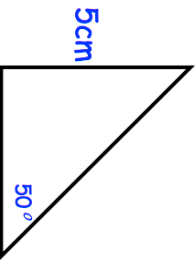
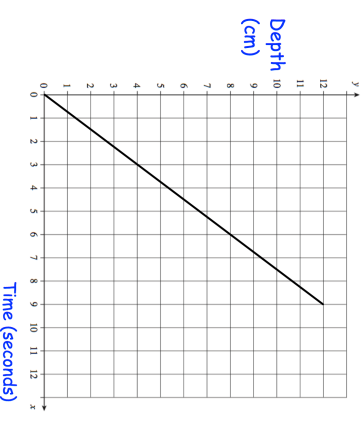

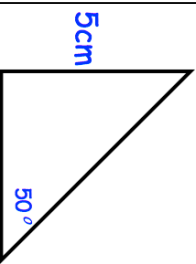
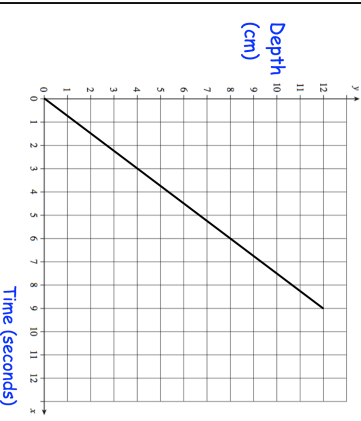


<b>10th August</b>	Corbettmaths 
A circular plaque of diameter 8cm is cut from a square piece of metal with side length 8cm.	
What percentage of the metal is wasted?	
	Calculate the area of the right angled triangle.
	<p>Water is poured into a glass for 6 seconds. The graph shows the depth of the water in the glass.</p> <p>What is the rate of change of the depth of the water? Give your answer in cm/s.</p> <p>Another glass contains water that is 10cm deep. It is emptied at a rate of 2.5cm/s. Show this on the graph.</p>
<p>Shapes A, B and C are similar.</p> <p>The height of shape A is 8cm</p> <p>The height of shape C is 4cm</p> <p>The ratio of the surface area of shape B to the surface area of shape C is 25:9</p> <p>Work out the ratio of the volume of shape A to shape B.</p>	

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