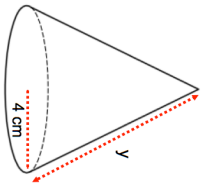
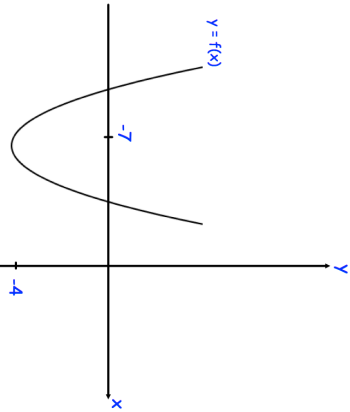
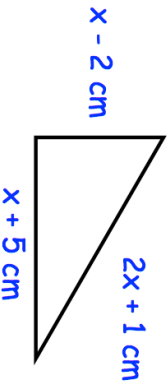
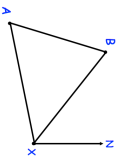
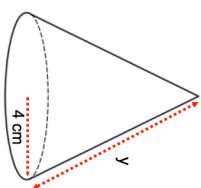
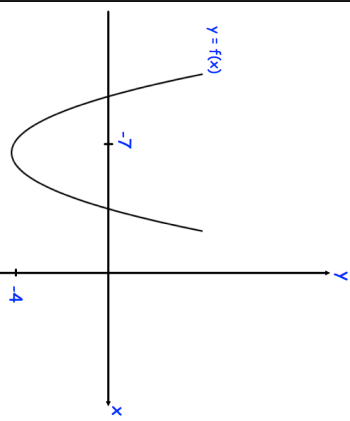
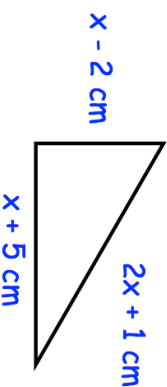
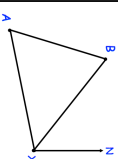


<p><b>2nd May</b></p> 	<p>Corbettmaths</p> <p>The total surface area of the cone is <math>48\pi \text{ cm}^2</math>. Calculate <math>y</math>.</p>
<p>The graph of <math>y = f(x + a) + b</math> has a minimum point at the origin, where <math>a</math> and <math>b</math> are constants.</p> <p>Write down the values of <math>a</math> and <math>b</math>.</p>	<p>The graph of <math>y = f(x + a) + b</math> has a minimum point at the origin, where <math>a</math> and <math>b</math> are constants.</p> <p>Write down the values of <math>a</math> and <math>b</math>.</p>
<p>Sketch <math>y = -f(x)</math></p> 	<p>Sketch <math>y = -f(x)</math></p>
<p>Shown is a right angled triangle</p> <p>Find <math>x</math></p> 	<p>Shown is a right angled triangle</p> <p>Find <math>x</math></p>
<p>Calculate the bearing of A from B.</p>  <p>Ship A is 100km from X on a bearing of <math>258^\circ</math>. Ship B is 75km from X on a bearing of <math>312^\circ</math>.</p>	<p>Calculate the bearing of A from B.</p>

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