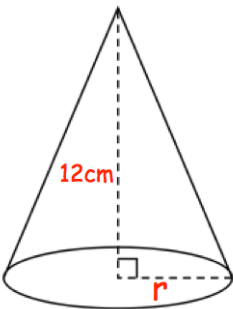


Name: _____

September 20	5-a-day	Higher
<p>In a sale, all prices are decreased by 15%.</p> <p>In the sale, a TV costs £323.</p> <p>Work out the normal price of the TV.</p>		
<p>Factorise</p> $x^2 + 8x + 15$	<p>Factorise</p> $x^2 - 11x + 10$	
<p>Solve $x^2 + 5x - 14 = 0$</p>		
<p>Expand $(8 - \sqrt{3})^2$</p>		
 <p>A diagram of a cone. A vertical dashed line from the apex to the center of the base is labeled '12cm'. A horizontal dashed line from the center of the base to the edge is labeled 'r'. A right-angle symbol is shown at the center of the base.</p>	<p>The volume of the cone is 400cm^3</p> <p>Find r.</p>	