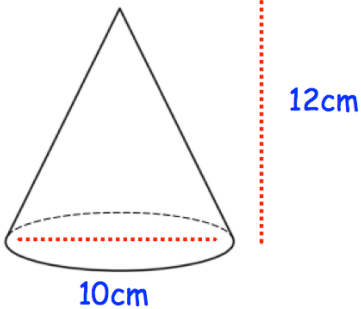


Name: _____

June 9	5-a-day	Higher
$1\frac{4}{5} \div \frac{3}{4}$		
<p>3 DVDs and 4 CDs cost £72.</p> <p>5 DVDs and 2 CDs cost £64.</p> <p>What would 4 DVDs and 7 CDs cost?</p>		
<p>A cube has the same volume as the cone. Calculate the side length of the cube.</p>	 <p>The diagram shows a cone with a circular base. A horizontal red dashed line across the base indicates the radius, labeled '10cm'. A vertical red dashed line from the apex to the center of the base indicates the height, labeled '12cm'.</p>	
<p>Expand and simplify</p> $(\sqrt{10} + 4)(\sqrt{10} - 4)$		