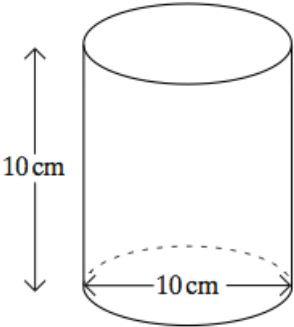


Name: _____

May 8	5-a-day	Higher
 <p>A diagram of a cylinder. A vertical double-headed arrow on the left indicates a height of 10 cm. A horizontal double-headed arrow across the bottom circular face indicates a diameter of 10 cm. The back edge of the bottom face is shown as a dashed line to indicate it is hidden.</p>		Work out the volume in terms of pi.
Write 0.434343... as a fraction		
Work out the value of $64^{-\frac{5}{6}}$ Leave your answer as a fraction.		
Work out 0.25^{-1}		
A shopkeeper normally sells his goods at 80% above cost price. In a sale he reduces his prices by 40%. What percentage profit does he make on goods sold in the sale?		