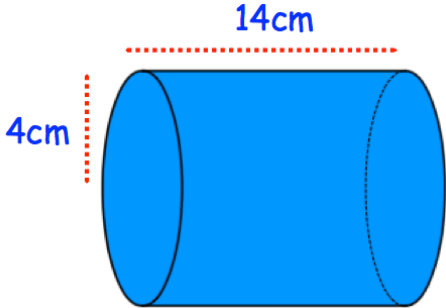
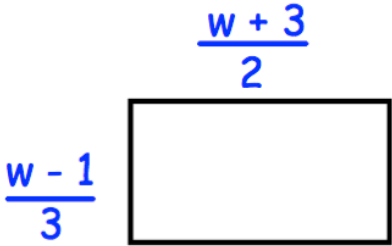


Name: _____

September 3	5-a-day	Higher
<p>The probability of someone having brown eyes is 0.5 and the probability of someone having green eyes is 0.14.</p> <p>What is the probability that someone at random has either brown or green eyes?</p>	<p>150 people are chosen at random. Work out an estimate for the number of people who will have green eyes.</p>	
 <p>A blue cylinder is shown. A vertical dashed red line on the left indicates a height of 4cm. A horizontal dashed red line at the top indicates a diameter of 14cm.</p>	<p>Calculate the surface area</p>	
 <p>A rectangle is shown. The height is labeled as $\frac{w-1}{3}$ and the width is labeled as $\frac{w+3}{2}$.</p>		
<p>Line 1: $y = 3x + 1$ Line 2: $y = 2x - 3$ Line 3: $3y + x = 6$ Line 4: $y = \frac{1}{3}x - 1$</p>	<p>Which lines are perpendicular?</p>	
<p>w^0 w^3 $\frac{w^3}{w^4}$ w^{-2}</p> <p>w is greater than 1.</p> <p>Write in ascending order.</p>		