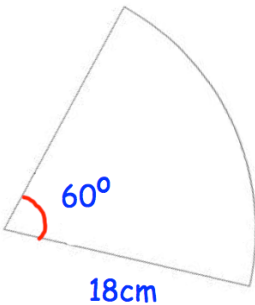


Name: \_\_\_\_\_

May 15	5-a-day	Higher
<p>The population of birds on an island is decreasing by 6% a year.</p> <p>In 2004 there were 7000 birds.</p> <p>How many birds were there in 2007?</p>		
<p>Expand and simplify <math>(y + 5)^2</math></p>		
<p>Write as a single power of 4.</p>	$\frac{4^5 \times 4^7}{4^3}$	
<p>Solve</p> $3x^2 - 16x + 16 = 0$		
 <p>A diagram of a sector of a circle. The central angle is labeled <math>60^\circ</math> and is marked with a red arc. One of the radii is labeled <math>18\text{cm}</math>.</p>		<p>Calculate the perimeter. Leave your answer in terms of pi.</p>