

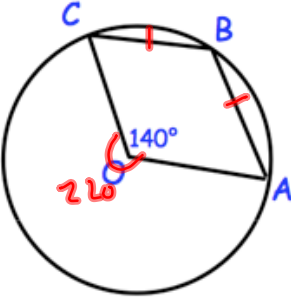
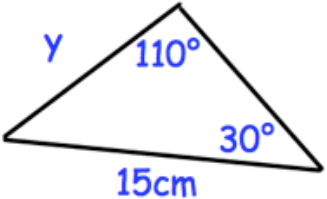
Name: \_\_\_\_\_

November 24th	5-a-day	Numeracy
<p>Give an event where you think the probability is unlikely.</p> <p>Rolling a 4 on a fair dice etc</p>		
<p>3894 + 124</p> <p>4018</p>		
<p><math>2^4</math> 16</p>		
<p>One angle in an isosceles triangle is <math>50^\circ</math>.</p> <p>Write down the sizes of the other two angles.</p> <p><math>50^\circ</math> &amp; <math>80^\circ</math></p>	<p>Write two different possible answers.</p> <p><math>65^\circ</math> &amp; <math>65^\circ</math></p>	
<p>Write 0.08 as a fraction in its simplest form</p> <p><math>\frac{8}{100} = \frac{2}{25}</math></p>	<p>Write 14% as a fraction in its simplest form</p> <p><math>\frac{14}{100} = \frac{7}{50}</math></p>	

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

November 24	5-a-day	Foundation
The nth term of a sequence is $7n + 1$ Work out the first 5 terms	$8 \ 15 \ 22 \ 29 \ 36$	
Solve $4w + 3 = 2w + 19$	$2w + 3 = 19$ $2w = 16$ $w = 8$	
Calculate the mean Age      Frequency $f_x$ 9            3            27 10          2            20 11          5            55	$102 \div 10$ $10.2$	
<p>Reflect Q in the line <math>y = x</math></p>		

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

November 24	5-a-day	Higher
<p>Find the gradient of the line passing through the points (1, 6) and (3, 15).</p> $\frac{15-6}{3-1} = \frac{9}{2}$		$4.5 \text{ or } \frac{9}{2}$
 <p>O is the centre of the circle. Angle AOC is <math>140^\circ</math>.</p>	<p>Find angle ABC.</p> $110^\circ$	
<p>Factorise</p> $m^2 - 2m - 63$ $(m-9)(m+7)$	<p>Factorise</p> $m^2 - 81$ $(m-9)(m+9)$	
	<p>Find y.</p> $\frac{y}{\sin 30} = \frac{15}{\sin 110}$ $y = 7.98 \text{ cm}$	