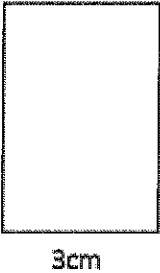
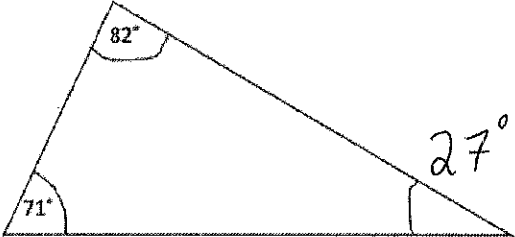
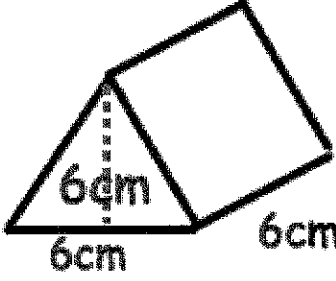
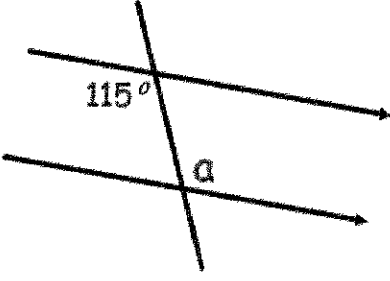



Name: _____

August 1st	5-a-day	Numeracy
$1000 - 15 + 20 - 15$		990
	Calculate the area of this rectangle. State your units.	$7 \times 3 = 21 \text{ cm}^2$
Matt catches the 6:53 train from Bristol to Taunton. He arrives in Taunton at 8:22. How long was his journey?	7 minutes 1 hour 22 minutes	<u>1</u> hours <u>29</u> mins
Solve: $8 - x = 2$		$x = 6$
	Calculate the missing angle	$\begin{array}{r} 82 \\ + 71 \\ \hline 153 \end{array}$ $\begin{array}{r} 180 \\ - 153 \\ \hline 27^\circ \end{array}$

Name: _____

August 1	5-a-day	Foundation
<p>Calculate the volume</p> $3 \times 6 = 18 \text{ cm}^2$ $18 \times 6 = \underline{108 \text{ cm}^3}$		
<p>$a = y + 4$ Make y the subject</p> $a - 4 = y$ $y = a - 4$		
	<p>Size of a?</p> 115° <p>Reason?</p> <p><i>Alternate angles</i></p>	
<p style="text-align: center;"> $3a + 2$ $5a - 4$ $8a$  <u>Ballymena</u> Antrim Crumlin <u>Lisburn</u> </p> <p style="text-align: right;">$16a - 2$</p> <p>Write an expression for the distance from Ballymena to Lisburn</p>		
<p>Barry adds together two consecutive integers.</p> <p>Is his answer always even, always odd or could be either?</p> <p style="text-align: center;"><i>always <u>odd</u></i></p>	$3 + 4 = 7$ $4 + 5 = 9$ <p><i>even + odd = odd</i></p> <p><i>odd + even = odd</i></p>	

Name: _____

August 1	5-a-day	Higher
<p>Factorise $x^2 - 14x + 48$</p> $(x - 6)(x - 8)$	<p>Factorise $x^2 + 17x + 60$</p> $(x + 5)(x + 12)$	
<p>Express $\sqrt{32}$ in its simplest form.</p> $\sqrt{16} \times \sqrt{2}$ $4\sqrt{2}$		
	<p>Is it possible to fit a thin, straight rod that is 11.5cm entirely inside the box?</p> $a = \sqrt{3^2 + 10^2} = \sqrt{109} \text{ or } 10.44\dots$ $b = \sqrt{5^{100} + 5^2} = \sqrt{134} \text{ or } 11.57\dots$ <p>Yes.</p>	
	<p>Find the area of the triangle.</p> $\frac{1}{2} \times 9 \times 8 \times \sin 25$ 15.214 cm^2	
	<p>Find in terms of a and b</p> <p>BA $-\underline{b} + \underline{a}$ or $\underline{a} - \underline{b}$</p> <p>AE very faint $-\underline{a} - \underline{b}$</p>	