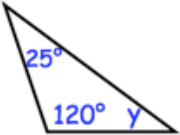
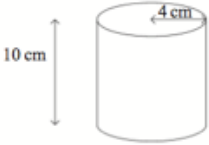


Name: _____

September 17th	5-a-day	Numeracy
Write down the value of the digit 8 38429		8000
6^2 36	$\sqrt{25}$ 5	
$\frac{1}{2} = \frac{12}{\boxed{24}}$		
The scale of a map is 1cm = 200m On the map, the church and the school are 6cm apart. What is the actual distance between the school and the church?		1200m or 1.2 km
 Find the size of y.	What type of triangle is shown?	$180 - 145$ 35°

Name: _____

September 17	5-a-day	Foundation
Calculate the nth term 6, 11, 16, 21, 26 $5n + 1$	Using the nth term, calculate the 50th term in the sequence 251	
Tomato soup - serves 4 people 600g tomatoes 20g basil 4 tablespoons of olive oil 1 garlic clove	How much is needed for 10 people? $1500g$ $50g$ 10 2.5	
Sam wants to find out how much pocket money his friends receive. He asks this question: How much pocket money do you receive each week?	Write down suitable response boxes. $\square \text{ £}0 - \text{£}2$ $\square \text{ £}2.01 - \text{£}4$ $\square \text{ £}4.01 - \text{£}6$ $\square \text{ £}6.01 \text{ or more}$	
$4\frac{1}{2} \div 2\frac{2}{3}$ $\frac{9}{2} \div \frac{8}{3}$	$\frac{9}{2} \times \frac{3}{8} = \frac{27}{16}$ $1\frac{11}{16}$	
Calculate the volume of this cylinder 	$\pi \times 4^2 \times 10$ 502.65 cm^3	

Name: _____

September 17	5-a-day	Higher
<p>What is the sum of the interior angles for a decagon?</p> $(10-2) \times 180$ $= 1440^\circ$	<p>What is the size of each interior angle for a regular decagon?</p> 144°	
<p>Tim's pay increased by 5% to £868.30 a fortnight.</p> <p>What was his pay before the increase?</p>	$105\% = \pounds 868.30$ $100\% = \pounds 826.95$	
<p>Calculate the gradient of the straight line passing through (0, 3) and (4, 11).</p>	<p>Write down the equation of the line.</p> $y = 2x + 3$	
<p>Evaluate</p> $25^{-0.5} \quad \frac{1}{5}$	<p>Work out the distance AB.</p> $AC = 5\sqrt{5}$ $AB^2 = (5\sqrt{5})^2 + 5^2$ $= \sqrt{150}$ $= 5\sqrt{6}$ $= 12.247 \text{ cm}$	
