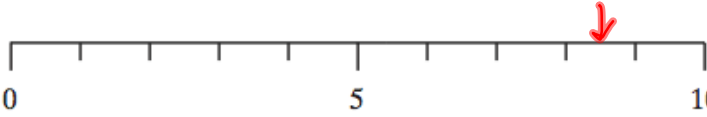

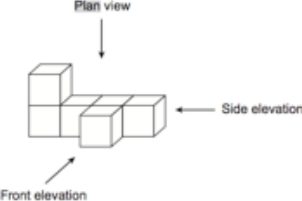
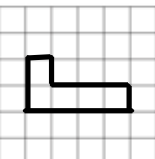


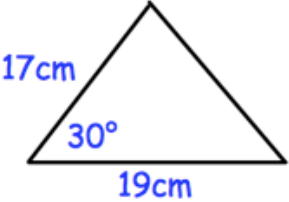
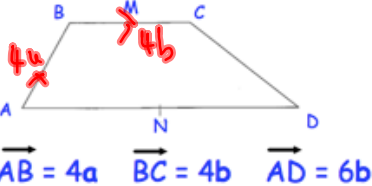
Name: \_\_\_\_\_

October 3rd	5-a-day	Numeracy
<p>Show 8.5 on the number line.</p> 		
	<p>The small bottle holds 250ml. The large bottle holds 2L.</p> <p>How many times larger is the large bottle?</p> <p>8</p>	
<p>Simplify</p> <p><math>\frac{12}{20}</math></p> <p><math>\frac{6}{10}</math></p> <p><math>\frac{3}{5}</math></p>		
<p>Work out <math>132 \times 23</math></p> <p>3036</p>		
<p>Work out <math>987 \div 3</math></p> <p>329</p>		

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

October 3	5-a-day	Foundation
$\frac{4}{5} \times \frac{5}{7} = \frac{20}{35} = \frac{4}{7}$		
<p>Make <math>w</math> the subject of</p> $w + c = 3a$ $w = 3a - c$		
<p>Plan view</p>  <p>Front elevation</p> <p>Side elevation</p>	 <p>Draw the front elevation</p>	
<p>Calculate the size of an interior angle of a regular pentagon</p> $108^\circ$	$540 \div 5 = 108$	
<p>What is the reciprocal of <math>\frac{3}{4}</math></p> $\frac{4}{3} \text{ or } 1\frac{1}{3}$		

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

October 3	5-a-day	Higher
<p><math>-8 \leq 2y &lt; 3</math></p> <p>y is an integer.</p> <p>Write down all the possible values of y.</p>		<p><math>-4 \leq y &lt; 1.5</math></p> <p><math>-4, -3, -2, -1, 0, 1</math></p>
<p>Find where <math>y = 4x + 5</math> meets:</p> <p>the y axis.</p> <p><math>(0, 5)</math></p>	<p>the x axis.</p> <p><math>0 = 4x + 5</math></p> <p><math>4x = -5</math></p> <p><math>x = -\frac{5}{4}</math></p>	
<p>A circle has area <math>80\text{cm}^2</math>.</p> <p>Find the circumference.</p> <p><math>\pi r^2 = 80</math></p> <p><math>r^2 = 25.46\dots</math></p>		<p><math>r = 5.046\dots</math></p> <p><math>\pi \times 10.09\dots</math></p> <p><math>= 31.7\text{cm}</math></p>
 <p>17cm</p> <p>30°</p> <p>19cm</p>	<p>Find the area of the triangle.</p> <p><math>\frac{1}{2} ab \sin C</math></p> <p><math>\frac{1}{2} \times 17 \times 19 \times \sin 30</math></p> <p><math>80.75\text{cm}^2</math></p>	
 <p><math>\vec{AB} = 4a</math>   <math>\vec{BC} = 4b</math>   <math>\vec{AD} = 6b</math></p>	<p>Find</p> <p><math>\vec{CD}</math></p>	<p><math>4a + 4b</math></p>