





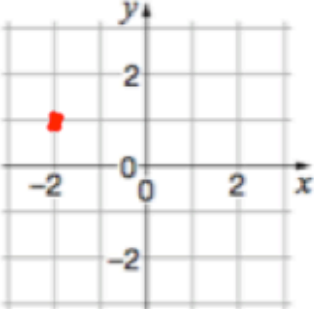
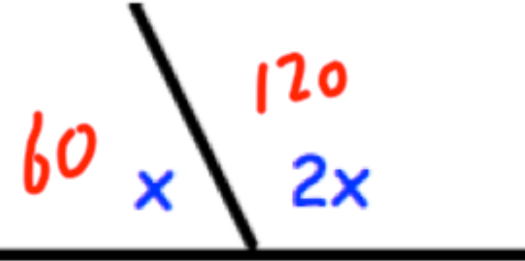
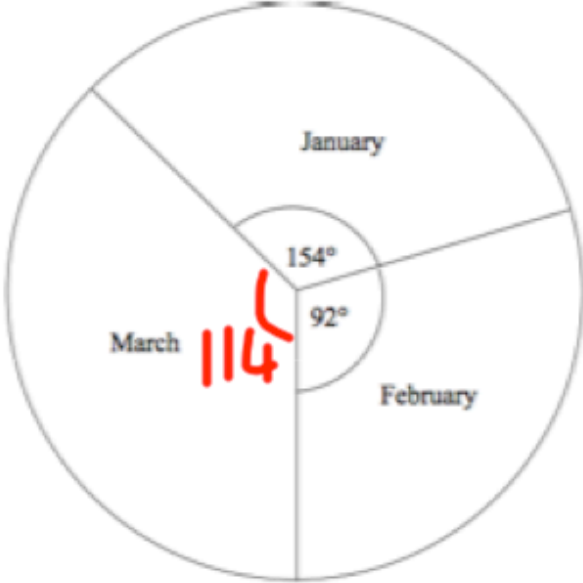

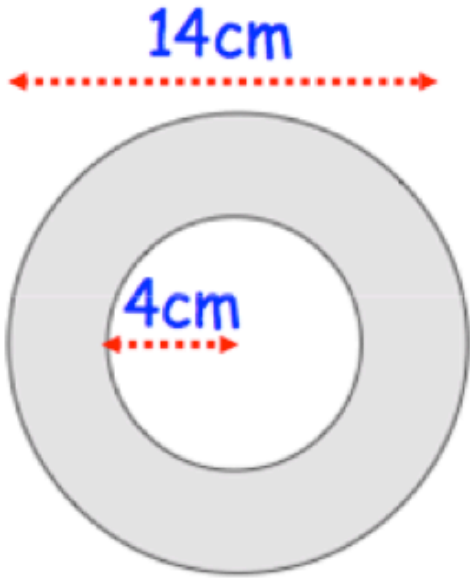
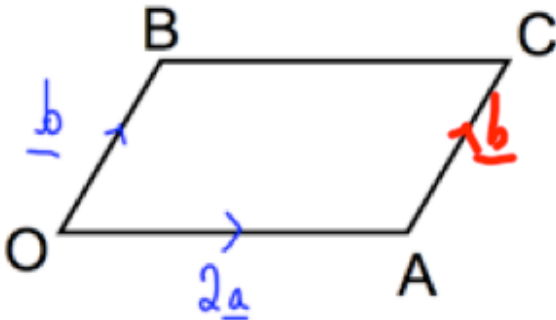


June 16th	5-a-day	Numeracy				
<p>Key: ○ = 3 pupils</p> <table border="1" data-bbox="181 336 751 521"> <tr> <td data-bbox="181 336 368 427">Apple</td> <td data-bbox="368 336 751 427">  </td> </tr> <tr> <td data-bbox="181 427 368 521">Banana</td> <td data-bbox="368 427 751 521">  </td> </tr> </table>	Apple		Banana		<p>How many pupils were surveyed?</p> <p style="text-align: center; color: red; font-size: 2em;">21</p>	
Apple						
Banana						
	<p>Plot the coordinate (-2, 1)</p>					
<p>Give an event where you think the probability is very unlikely.</p> <p style="color: red; font-size: 1.5em;">winning the lottery snow in July.</p>						
<p>Tickets for a raffle cost £5 each. How many people bought tickets if total sales were £1765?</p> <p style="text-align: center; color: red; font-size: 2em;">353</p>	<p style="color: red; font-size: 1.5em;"> $\begin{array}{r} 0353 \\ 5 \overline{) 1765} \end{array}$ </p>					
	<p>Find x</p> <p style="color: red; font-size: 1.5em;"> $\begin{aligned} 3x &= 180 \\ x &= 60 \end{aligned}$ </p>					

June 16	5-a-day	Foundation
<p>Arrange in order, smallest first</p> $\frac{1}{5} \quad \frac{3}{10} \quad \frac{1}{4}$	$\frac{4}{20} \quad \frac{6}{20} \quad \frac{5}{20}$ $\frac{1}{5} \quad \frac{1}{4} \quad \frac{3}{10}$	
	<p>Calculate the angle for March</p> $154 + 92 = 246$ $360 - 246 = 114^\circ$	
	<p>If 180 people were surveyed, how many said February?</p> $360 \div 180 = 2^\circ \text{ per person}$ $92 \div 2 = 46 \text{ people.}$	
	<p>Size of a?</p> 35°	
<p>£1 = €1.45</p> <p>A watch costs £30 in London.</p> <p>The same watch costs €40.60 in Paris.</p> <p>Which is cheaper and by how much?</p>	$£40.60 \div 1.45 = \pounds 28$ <p>Paris by £2</p>	

June 16	5-a-day	Higher
<p>A water tank is two-thirds full. A quarter of a full tank is poured out. What fraction of a tank is left?</p>	<p>$\frac{3}{4}$ left.</p> <p>$\frac{3}{4}$ of $\frac{2}{3}$ $\frac{3}{4} \times \frac{2}{3} = \frac{6}{12} = \frac{1}{2}$</p>	
 <p>14cm</p> <p>4cm</p>	<p>Find the shaded area.</p> <p>large circle: $\pi \times 7^2 = 153.94 \text{ cm}^2$</p> <p>small circle: $\pi \times 4^2 = 50.27 \text{ cm}^2$</p> <p>$153.94$ $- 50.27$ 103.67 cm^2</p>	
<p>Make a the subject</p> <p>$9a + 2c = ab + 12c$</p>	<p>$9a - ab = 10c$ $a(9 - b) = 10c$ $a = \frac{10c}{9 - b}$</p>	
	<p>$\vec{OC} = 2\underline{a} + \underline{b}$</p> <p>$\vec{AB} = -2\underline{a} + \underline{b}$ or $\underline{b} - 2\underline{a}$</p>	