


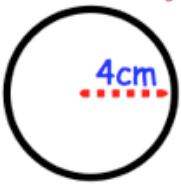
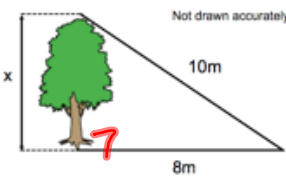


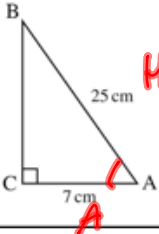
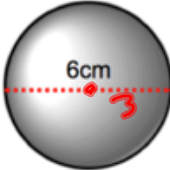
Name: \_\_\_\_\_

October 6th	5-a-day	Numeracy
 <i>51p</i>	A red apple cost 27p A green apple cost 24p  What is the total cost for one red and one green apple?	
Jenny buys 3 lettuces that cost 70p each.  She pays with a £5 note.  How much change should she receive?	<i>£2.90</i>	
Work out $\frac{5}{6}$ of 78	<i>65</i>	
 This angle is about ..... degrees <i>165</i> <i>170 etc</i>	 This angle is about ..... degrees <i>45</i> <i>30</i> <i>40 etc</i>	
-7°C -4°C 2°C 12°C -3°C  What is the difference between the coldest and warmest temperature?	<i>12°C</i> <i>-7°C</i> <i>19°C</i>	

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

October 6	5-a-day	Foundation								
<p>\$1.50 = £1</p> <p>A pairs of trainers cost \$30 in New York or £19 in London.</p> <p>Which is better value?</p> <p style="text-align: center; color: red;">London</p>		<p style="color: red;"><math>19 \times 1.5 = \\$28.50</math></p>								
<p>Estimate <math>7.01^2 + 0.978</math></p> <p style="text-align: center;">1.98<sup>2</sup></p> <p style="color: red; text-align: center;"><math>\frac{7^2 + 1}{2^2}</math></p>		<p style="color: red;"><math>\frac{49 + 1}{4} = \frac{50}{4}</math></p> <p style="color: red; text-align: center;">12.5</p>								
<p>Place Frequency</p> <table style="margin-left: 20px;"> <tr><td>France</td><td>12</td></tr> <tr><td>Spain</td><td>11</td></tr> <tr><td>Italy</td><td>10</td></tr> <tr><td>Germany</td><td>3</td></tr> </table> <p style="color: red; text-align: center;"><u>36</u></p>	France	12	Spain	11	Italy	10	Germany	3	<p style="color: red; text-align: right;">120° 110° 100° 30°</p>	<p>Decian wants to draw a pie chart. Calculate the size of each angle</p> <p style="color: red; text-align: center;"><math>360 \div 36 = 10</math></p>
France	12									
Spain	11									
Italy	10									
Germany	3									
		<p>Work out the circumference. Leave your answer in terms of pi.</p> <p style="color: red; text-align: center;">8π</p>								
		<p>Use Pythagoras to calculate the height of the tree.</p> <p style="color: red; text-align: center;"><math>10^2 - 8^2 = 36</math></p> <p style="color: red; text-align: center;"><math>\sqrt{36} = 6m</math></p>								

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

October 6	5-a-day	Higher
<p>A special edition packet of cereal contains an extra 30%.</p> <p>The special edition packet contains 546g.</p> <p>What does the normal packet contain?</p>		$130\% = 546$ $100\% = 420$
	Calculate angle CAB	$\cos^{-1} \frac{7}{25} = 73.74^\circ$
Solve $x^2 - 6x - 16 = 0$ $(x - 8)(x + 2) = 0$		$x = 8$ or $x = -2$
Rationalise the denominator $\frac{20}{\sqrt{5}}$ $\frac{20\sqrt{5}}{5}$		$4\sqrt{5}$
 <p>Find the volume of this sphere.</p>		$\frac{4}{3}\pi r^3$ $\frac{4}{3}\pi \times 3^3$ $36\pi \text{ cm}^3$ or $113.1 \text{ cm}^3$