
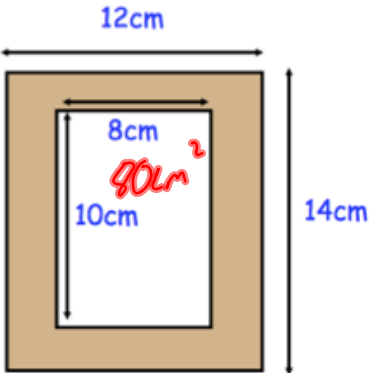
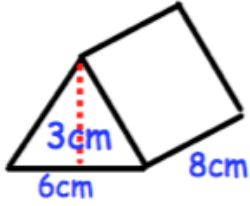
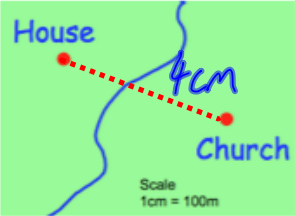


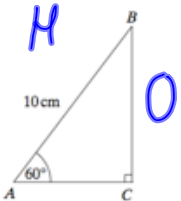
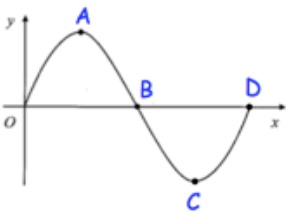
Name: \_\_\_\_\_

October 14th	5-a-day	Numeracy
<div data-bbox="240 464 602 562"></div> <div data-bbox="305 590 516 674"><math display="block">\begin{matrix} 1 &amp; 3 &amp; 10 \\ 2 &amp; 3 &amp; 5 \end{matrix}</math></div>	<p>The product of the three numbers on the cards is 30.</p> <p>Work out the 3 numbers.</p> <p><i>etc.</i></p>	
<p>Work out the mean.</p> <p>6 0 3 2 2 5</p> $6+0+3+2+2+5$ $=18$	$18 \div 6 = \underline{3}$	
$4^3$ <p><i>4x4x4</i></p> $64$		
	<p>Work out the shaded area.</p> <p><i>white</i> <math>8 \times 10</math> <math>= 80\text{cm}^2</math></p> <p><i>entire</i> <math>12 \times 14 = 168\text{cm}^2</math></p> <p><i>shaded</i> <math>168 - 80 = \underline{\underline{88\text{cm}^2}}</math></p>	

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

October 14	5-a-day	Foundation
<p>Simplify</p> <p>49:42      <math>7:6</math></p>	<p>Simplify</p> <p>30:40:55</p> <p><math>6:8:11</math></p>	
<p>Calculate the volume.</p> <p>front <math>\frac{1}{2}(6 \times 3) = 9\text{cm}^2</math></p> <p><math>9 \times 8 = \underline{\underline{72\text{cm}^3}}</math></p>		
<p>€1 = €1.45</p> <p>Convert £15 into Euros</p> <p><math>15 \times 1.45</math></p> <p><math>= \underline{\underline{€21.75}}</math></p>	<p>Convert €145 into Pounds</p> <p><math>145 \div 1.45</math></p> <p><math>= \underline{\underline{£100}}</math></p>	
	<p>1cm = 100m</p> <p>What is the actual distance between the house and church?</p> <p><i>depends on your movement</i></p> <p><math>4 \times 100 = 400\text{m}</math></p>	
<p>€1 = €1.45</p> <p>A watch costs £35 in London.</p> <p>The same watch costs €43.50 in Rome.</p> <p>Which is cheaper and by how much?</p>	<p><math>35 \times 1.45 = \underline{\underline{€50.75}}</math></p> <p>Rome by <math>\underline{\underline{€7.25}}</math></p> <p>or <math>\underline{\underline{£5}}</math></p>	

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

October 14	5-a-day	Higher
<p>Work out <math>16^0</math></p> <p style="text-align: center;">1</p>	<p>Work out <math>16^{1/2}</math></p> <p style="text-align: center;">4</p>	
<p>Jack drives at 60 mph for 1 hour 45 minutes.</p> <p>How far does he travel?</p>	<p style="text-align: center;"><math>60 \times 1.75</math> <math>= 105 \text{ miles}</math></p>	
	<p>Calculate the length of BC</p> <p style="text-align: center;"><math>\sin(60) \times 10 = 8.66 \text{ cm}</math></p>	
<p>A coin is flipped three times.</p> <p>What is the probability of getting exactly two tails?</p>	<p style="text-align: center;"><math>HHH = \frac{1}{2} \times \frac{1}{2} \times \frac{1}{2} = \frac{1}{8}</math></p> <p style="text-align: center;"><math>HTH = \frac{1}{8}</math></p> <p style="text-align: center;"><math>THT = \frac{1}{8}</math></p> <div style="border: 1px solid black; padding: 5px; display: inline-block; margin-left: 20px;"><math>\frac{3}{8}</math></div>	
	<p>Shown is the graph of (circle the correct answer)</p> <p><math>y = \cos x^\circ</math>   <u><math>y = \sin x^\circ</math></u>   <math>y = \tan x^\circ</math></p> <p>Write down the coordinates of D.</p> <p style="text-align: center;"><math>(360, 0)</math></p>	