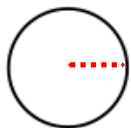
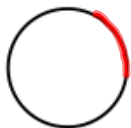
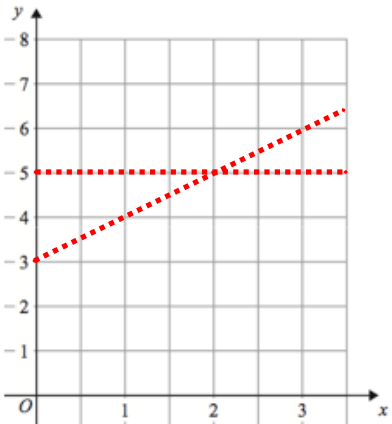
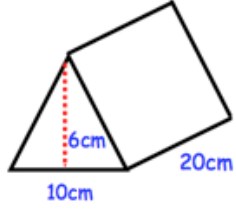
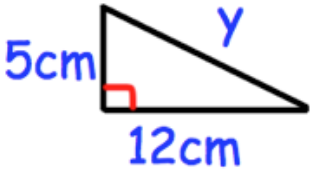


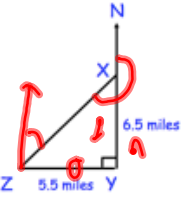
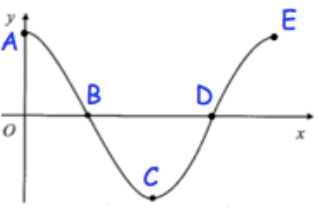
Name: \_\_\_\_\_

September 18th	5-a-day	Numeracy																		
<p style="text-align: center;">☀ = 2 hours of sunshine</p> <table border="1" style="width: 100%;"> <tr> <td style="width: 15%;">Norwich</td> <td>☀ ☀ ☀ ☀ ☀ ☀ ☀</td> </tr> <tr> <td>Dublin</td> <td>☀ ☀ ☀ ☀</td> </tr> <tr> <td>Belfast</td> <td>☀ ☀ ☀ ☀</td> </tr> </table>	Norwich	☀ ☀ ☀ ☀ ☀ ☀ ☀	Dublin	☀ ☀ ☀ ☀	Belfast	☀ ☀ ☀ ☀	<p>How many hours of sunshine was there in Belfast?</p> <p style="text-align: center; color: red; font-size: 2em;">7</p>													
Norwich	☀ ☀ ☀ ☀ ☀ ☀ ☀																			
Dublin	☀ ☀ ☀ ☀																			
Belfast	☀ ☀ ☀ ☀																			
<p>A machine takes 10p, 20p and 50p coins.</p> <p>Complete the table to show all the different ways of paying exactly 60p.</p>	<table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th style="color: blue;">Number of 50p coins</th> <th style="color: blue;">Number of 20p coins</th> <th style="color: blue;">Number of 10p coins</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>0</td> <td>6</td> </tr> <tr> <td style="color: red;">0</td> <td style="color: red;">1</td> <td style="color: red;">4</td> </tr> <tr> <td style="color: red;">0</td> <td style="color: red;">2</td> <td style="color: red;">2</td> </tr> <tr> <td style="color: red;">0</td> <td style="color: red;">3</td> <td style="color: red;">0</td> </tr> <tr> <td style="color: red;">1</td> <td style="color: red;">0</td> <td style="color: red;">1</td> </tr> </tbody> </table>		Number of 50p coins	Number of 20p coins	Number of 10p coins	0	0	6	0	1	4	0	2	2	0	3	0	1	0	1
Number of 50p coins	Number of 20p coins	Number of 10p coins																		
0	0	6																		
0	1	4																		
0	2	2																		
0	3	0																		
1	0	1																		
<p>21 x 8</p> <p style="text-align: center; color: red; font-size: 2em;">168</p>	<p>212 + 93</p> <p style="text-align: center; color: red; font-size: 2em;">305</p>																			
<p>9000 - 825</p> <p style="text-align: center; color: red; font-size: 2em;">8175</p>	<p>9.3 + 1.9</p> <p style="text-align: center; color: red; font-size: 2em;">11.2</p>																			

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

September 18	5-a-day	Foundation
 <p data-bbox="224 625 376 653">Draw a radius</p>	 <p data-bbox="630 625 766 653">Draw an arc</p>	
 <p data-bbox="630 688 896 716">Draw the graph <math>y = x + 3</math></p>	$\begin{array}{r} 2 \overline{) 012} \\ y \ 345 \end{array}$	
 <p data-bbox="289 1346 344 1373">10cm</p> <p data-bbox="418 1318 474 1346">20cm</p> <p data-bbox="305 1297 344 1325">6cm</p>	<p data-bbox="630 926 857 953">Draw the graph <math>y = 5</math></p>	
 <p data-bbox="240 1465 328 1507">5cm</p> <p data-bbox="370 1549 474 1591">12cm</p> <p data-bbox="451 1423 483 1465">y</p>	<p data-bbox="630 1163 831 1190">Calculate the volume</p> $5 \times 6 = 30$ $30 \times 20 = 600 \text{cm}^3$	
	<p data-bbox="630 1402 717 1430">Find y</p> $13 \text{cm}$	

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

September 18	5-a-day	Higher
<p>Solve <math>y^2 - 7y - 18 = 0</math></p> $(y-9)(y+2) = 0$ $y = 9 \quad y = -2$	<p>Solve <math>y^2 - 49 = 0</math></p> $(y-7)(y+7) = 0$ $y = 7 \text{ or } y = -7$	
	<p>Calculate the distance XZ.</p> $8.5147 \text{ miles}$	
<p>What is the bearing of Z from X?</p> $220^\circ$ <p>or</p> $220.236^\circ$	<p>What is the bearing of X from Z?</p> $040^\circ$ <p>or</p> $040.24^\circ$	
<p>Find the value of n.</p> $2 \times \sqrt{8} = 2^n$ $2 \times 2\sqrt{2}$	$2 \times 2^1 \times 2^{\frac{1}{2}}$ $= 2^{2.5}$ $n = 2.5$	
	<p>Shown is the graph of (circle the correct answer)</p> <p><input checked="" type="radio"/> <math>y = \cos x^\circ</math>   <input type="radio"/> <math>y = \sin x^\circ</math>   <input type="radio"/> <math>y = \tan x^\circ</math></p> <p>Write down the coordinates of C.</p> $(180, -1)$	