




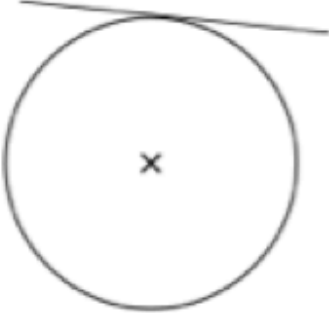
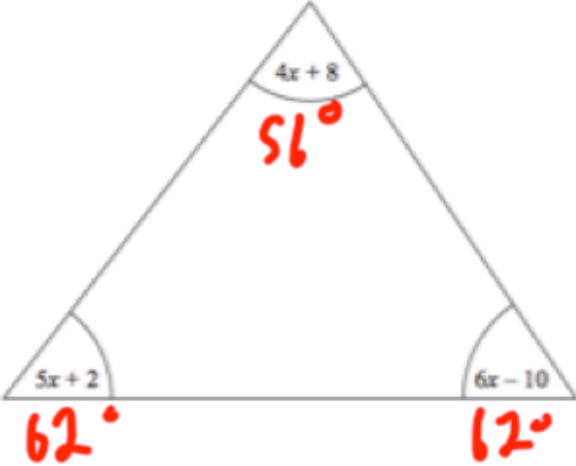
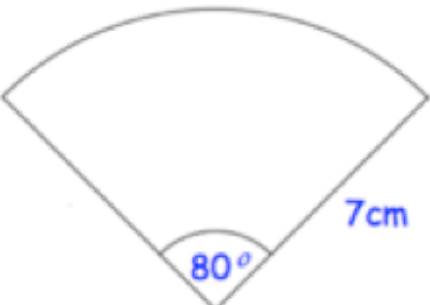


July 7th	5-a-day	Numeracy
<p>Name this shape:</p> <p>hexagon</p>		
<p>Round 293 to the nearest 10</p> <p>290</p>	<p>Round 293 to the nearest 100</p> <p>300</p>	
 <p>Pattern 1</p>  <p>Pattern 2</p>  <p>Pattern 3</p>	<p>Draw pattern 4</p> 	
<p>Four tickets for a trip cost a total of £156.</p> <p>Work out the cost of one ticket.</p>	$4 \overline{) 156} \quad \text{£}39$	
<p>Connor's watch is two minutes fast. Jo's watch is nine minutes slow.</p> <p>What time is shown on Jo's watch when Connor's watch shows 20:03?</p>	<p>Actual time: 20:01</p> <p>Jo's <u>19:52</u></p>	

July 7	5-a-day	Foundation										
<p><math>-2 &lt; n \leq 3</math></p> <p>n is an integer.</p> <p>List all the possible values of n</p>	<p style="text-align: center;">-1 0 1 2 3</p>											
	<p>What is the name of the straight line that touches the circle on the left?</p> <p style="text-align: center; color: red;">tangent</p>											
<p>Calculate the mean</p> <table border="0" style="margin-left: 20px;"> <tr> <td style="color: blue; font-size: 1.2em;">Age</td> <td style="color: blue; font-size: 1.2em;">Frequency</td> <td></td> </tr> <tr> <td>5</td> <td>1</td> <td rowspan="3" style="color: red; vertical-align: middle;"> <math display="block">\begin{array}{r} f \times \\ 5 \\ 42 \\ + 14 \\ \hline 61 \end{array}</math> </td> </tr> <tr> <td>6</td> <td>7</td> </tr> <tr> <td>7</td> <td>2</td> </tr> </table>	Age	Frequency		5	1	$\begin{array}{r} f \times \\ 5 \\ 42 \\ + 14 \\ \hline 61 \end{array}$	6	7	7	2	<p style="text-align: center; color: red; font-size: 1.5em;"><math>61 \div 10 = 6.1</math></p>	
Age	Frequency											
5	1	$\begin{array}{r} f \times \\ 5 \\ 42 \\ + 14 \\ \hline 61 \end{array}$										
6	7											
7	2											
	<p>Find the value of x</p> <p style="color: red; font-size: 1.2em;"><math>15x = 180</math></p> <p style="color: red; font-size: 1.2em;"><math>x = 12</math></p> <hr/> <p>What is the size of each angle?</p>											

July 7	5-a-day	Higher												
<p>Three angles are in the ratio 2:4:5</p> <p>The largest angle is 95°</p> <p>Find the size of the other angles.</p>		$95 \div 5 = 19$ $19 \times 2 = 38^\circ$ $19 \times 4 = 76^\circ$												
<table border="1" data-bbox="172 622 678 936"> <thead> <tr> <th>length, L, cm</th> <th>Frequency</th> </tr> </thead> <tbody> <tr> <td><math>0 &lt; L \leq 10</math></td> <td>21</td> </tr> <tr> <td><math>10 &lt; L \leq 20</math></td> <td>11</td> </tr> <tr> <td><math>20 &lt; L \leq 30</math></td> <td>31</td> </tr> <tr> <td><math>30 &lt; L \leq 40</math></td> <td>12</td> </tr> <tr> <td><math>40 &lt; L \leq 50</math></td> <td>25</td> </tr> </tbody> </table>	length, L, cm	Frequency	$0 < L \leq 10$	21	$10 < L \leq 20$	11	$20 < L \leq 30$	31	$30 < L \leq 40$	12	$40 < L \leq 50$	25	<p>f.d</p> <p>2.1</p> <p>1.1</p> <p>3.1</p> <p>1.2</p> <p>2.5</p>	<p>Lenny is drawing a histogram.</p> <p>Calculate each frequency density.</p>
length, L, cm	Frequency													
$0 < L \leq 10$	21													
$10 < L \leq 20$	11													
$20 < L \leq 30$	31													
$30 < L \leq 40$	12													
$40 < L \leq 50$	25													
	$\frac{80}{360} \times \pi \times 7^2$	<p>Calculate the area of this sector.</p> $= 34.21 \text{ cm}^2$												
<p>Simplify fully</p> $\sqrt{\frac{50\pi^5}{2\pi^3}}$	$\sqrt{25a^2} = 5a$													
<p>Write as a single fraction.</p> $\frac{w}{2} - \frac{w+1}{7}$	$\frac{7w}{14} - \frac{2w+2}{14}$ $\frac{5w-2}{14}$													