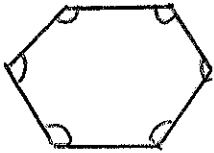
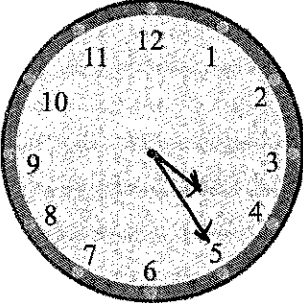
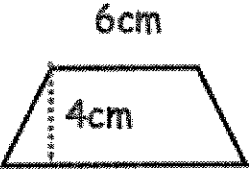


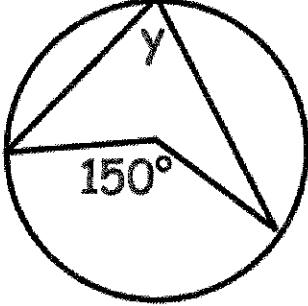
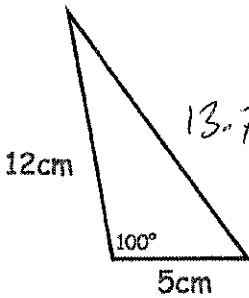
Name: _____

November 11th	5-a-day	Numeracy
<p>Draw a hexagon</p> 	<p>What is the name of a 7 sided shape?</p> <p>heptagon</p>	
<p>If $150 \times 34 = 5100$</p> <p>Use that information to work out:</p> <p>15×34</p> <p>510</p>	<p>300×34</p> <p>10200</p> <p>1.5×3.4</p> <p>5.1</p>	
	<p>Show the time 4.25 on the clock</p>	
<p>Each unit of gas costs 20p</p> <p>How much was spent on gas between January and June?</p> <p>$63 \times 20p = \pounds 12.60$</p>		<p>meter reading</p> <p>Jan 2350</p> <p>June 2413</p> <hr/> <p>63</p>
<p>Simplify $a \times a \times a \times a \times a$</p> <p>$a^5$</p>	<p>Simplify $6a + 4a - a$</p> <p>$9a$</p>	

Name: _____

November 11	5-a-day	Foundation								
<p>Jose has some counters.</p> <p>20% are red. $\frac{1}{2}$ are green. 50% The rest are blue. 30%</p> <p>There are 36 blue counters. How many green counters are there?</p>		<p>30% = 36 10% = 12 100% = 120 $\frac{1}{2}$ of 120 = <u>60</u></p>								
<p>Make u the subject of</p> <p>$v = u + 3t$</p>		<p>$v - 3t = u$ $u = v - 3t$</p>								
<p>3kg of tomatoes is £4.80</p> <p>How much does 7kg cost?</p>		<p>1kg = £1.60 7kg = £11.20</p>								
<table border="1" data-bbox="201 1352 767 1469"> <tr> <td>Pattern number</td> <td>1</td> <td>2</td> <td>3</td> </tr> <tr> <td>Number of sticks</td> <td>7</td> <td>12</td> <td>17</td> </tr> </table> <p>How many sticks are in Pattern number 4?</p>	Pattern number	1	2	3	Number of sticks	7	12	17		<p>How many sticks are in Pattern 6?</p> <p>32</p> <p>Write an expression for the number of sticks in Pattern number n.</p> <p>$5n + 2$</p>
Pattern number	1	2	3							
Number of sticks	7	12	17							
 <p>6cm</p> <p>4cm</p> <p>10cm</p> <p>$\frac{1}{2}(a+b)h$ $\frac{1}{2}(6+10) \times 4$ $\frac{1}{2}(16) \times 4$</p>		<p>Calculate the area of the trapezium</p> <p>$8 \times 4 = 32 \text{ cm}^2$</p>								

Name: _____

November 11	5-a-day	Higher
<p>Expand and simplify</p> $(y + 2)(y + 1)$		$y^2 + 3y + 2$
	<p>Find y</p> 75°	
<p>Simplify fully</p> $\frac{x^2 - 3x + 2}{x^2 - 5x + 6}$	$\frac{(x-2)(x-1)}{(x-2)(x-3)}$ $\frac{x-1}{x-3}$	
<p>Simplify</p> $\sqrt{3} \times \sqrt{3} \times \sqrt{2} \times \sqrt{2}$ $3 \times 2 = 6$	<p>Rationalise the denominator</p> $\frac{15}{\sqrt{5}} \times \frac{\sqrt{5}}{\sqrt{5}} = \frac{15\sqrt{5}}{5}$ $3\sqrt{5}$	
 <p>$a^2 = b^2 + c^2 - 2bc \cos A$</p>	<p>Calculate the perimeter of the triangle.</p> $13.78 + 5 + 12 = 30.78 \text{ cm.}$	