
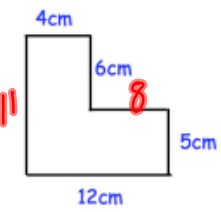
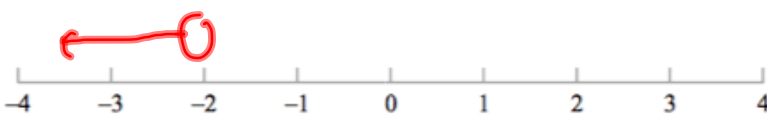
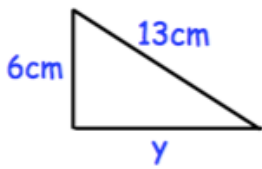


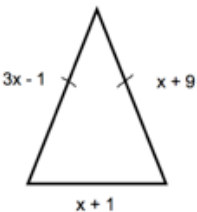
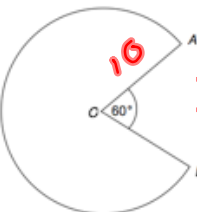
Name: \_\_\_\_\_

September 30th	5-a-day	Numeracy																									
<table border="1"><tr><td>8</td><td>7</td><td>3</td><td><input type="checkbox"/></td><td>18</td></tr><tr><td>5</td><td>9</td><td>7</td><td><input type="checkbox"/></td><td>21</td></tr><tr><td>8</td><td>4</td><td>4</td><td><input type="checkbox"/></td><td>16</td></tr><tr><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td></td></tr><tr><td>21</td><td>26</td><td>14</td><td></td><td>55</td></tr></table>	8	7	3	<input type="checkbox"/>	18	5	9	7	<input type="checkbox"/>	21	8	4	4	<input type="checkbox"/>	16	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		21	26	14		55		Find the row and column totals
8	7	3	<input type="checkbox"/>	18																							
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<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																								
21	26	14		55																							
<p>Complete this sentence: The two lines are ..... <i>parallel</i></p>		<p>Complete this sentence: The two lines are ..... <i>perpendicular</i></p>																									
Arrange in order, from smallest to largest 0.2 0.11 0.034 0.109 0.21		<i>0.034</i> <i>0.109</i> <i>0.11</i> <i>0.2</i> <i>0.21</i>																									
		What is the perimeter of the shape?  <i>46cm</i>																									
What is 7.5314 to two decimal places?  <i>7.53</i>																											

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

September 30	5-a-day	Foundation
A line has equation $y = 2x + 5$ What is the gradient of the line? $2$	Where does the line cross the y-axis? $(0, 5)$	
 <p>Draw a line to represent <math>x &lt; -2</math></p>		
$w = 5y$ Make $y$ the subject $y = \frac{w}{5}$		
What is the reciprocal of 0.5? $2$		
	Find $y$ $11.5326\text{cm}$	

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

September 30		5-a-day	Higher										
<table border="1"> <thead> <tr> <th>Shape</th> <th>Probability</th> </tr> </thead> <tbody> <tr> <td>Circle</td> <td>0.1</td> </tr> <tr> <td>Triangle</td> <td>0.3</td> </tr> <tr> <td>Square</td> <td>0.45</td> </tr> <tr> <td>Rectangle</td> <td>0.15</td> </tr> </tbody> </table> <p>A bag contains 4 different shapes.</p>	Shape	Probability	Circle	0.1	Triangle	0.3	Square	0.45	Rectangle	0.15	<p>The probability of choosing a square is three times more likely than choosing a rectangle.</p> <p>Complete the table.</p>		
Shape	Probability												
Circle	0.1												
Triangle	0.3												
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Rectangle	0.15												
<p>Work out the equation of the line passing through A (0, 1) and B (2, 4).</p> $y = \frac{3}{2}x + 1$	<p>Write down the equation of the line parallel to AB and passing through (0, 7)</p> $y = \frac{3}{2}x + 7$												
 <p><math>3x - 1 = x + 9</math> <math>2x = 10</math> <math>x = 5</math></p>	<p>Shown is an isosceles triangle. Find x.</p>												
 <p><math>\frac{300}{360} \times \pi \times 20 = 52.35..</math></p>	<p>Angle AOB is <math>60^\circ</math> and OA is 10cm. Find the perimeter of the sector.</p> <p><math>52.35.. + 20</math> <math>72.36 \text{ cm}</math></p>												
<p>Solve</p> $\frac{3}{x+3} - \frac{4}{x-3} = \frac{5x}{x^2-9}$ $\frac{3(x-3) - 4(x+3)}{(x+3)(x-3)} = \frac{5x}{x^2-9}$	$3(x-3) - 4(x+3) = 5x$ $3x - 9 - 4x - 12 = 5x$ $-x - 21 = 5x$ $6x = -21 \quad x = -3.5$												