
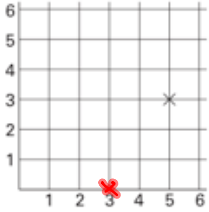

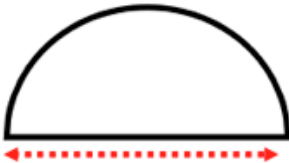



Name: _____

September 13th	5-a-day	Numeracy
<p>Show 10 on the scale with an arrow.</p> 		
<p>$\frac{1}{2}$ of 14 = $\frac{1}{4}$ of 28</p>		
	<p>Write down the coordinate shown.</p> <p>Plot the coordinate (3, 0)</p>	
	<p>Shade 30% of this rectangle.</p>	
<p>Hannah is y years old. Martin is four years older.</p> <p>Write an expression for Martin's age.</p> <p>$y+4$</p>	<p>Hannah is y years old. Beth is twice as old as Hannah.</p> <p>Write an expression for Beth's age.</p> <p>$2y$</p>	

Name: _____

September 13	5-a-day	Foundation
<p>Matthew runs $1\frac{1}{2}$ miles on Monday. Then he runs $1\frac{3}{4}$ miles on Thursday.</p> <p>$1\frac{2}{3} - \frac{1}{2}$ $\frac{5}{3} - \frac{3}{2}$</p> <p>$\frac{10}{6} - \frac{3}{6}$</p>	<p>How much further did Matthew run on Thursday than Monday?</p> <p>$\frac{1}{6}$</p>	
<p>Smiths Supermarket Normal Price 60p Special Offer 20% off all tins</p> <p>Price Cutters Normal Price 52p Special Offer Buy 3, get 1 free.</p>	<p>Which shop is better value to buy 4 tins?</p> <p>Smiths: £1.92 PC: £1.56</p>	
 <p>10cm</p>	<p>Calculate the area of the semi-circle.</p> <p>39.27cm^2</p>	
<p>A B C</p> <p>4x 2 8x</p> <p>$13x = 78$ $x = 6$</p>	<p>The number on A is four times the number on B.</p> <p>The number on C is two times larger than A.</p> <p>The sum of the numbers is 78.</p> <p>Find each number.</p> <p>$A = 24$ $B = 6$ $C = 48$</p>	
<p>Serves 4 people</p> <p>Bacon 50 g Minced beef 450 g</p> <p>How much is needed for 10 people?</p>	<p>$\frac{8}{100g}$ $\frac{2}{25g}$ $\frac{10}{125g}$</p> <p>$800g$ $225g$ $1125g$</p>	

Name: _____

September 13	5-a-day	Higher												
<table border="1"> <thead> <tr> <th>Height (h metres)</th> <th>Frequency</th> </tr> </thead> <tbody> <tr> <td>$1.50 \leq h < 1.55$</td> <td>8</td> </tr> <tr> <td>$1.55 \leq h < 1.60$</td> <td>33</td> </tr> <tr> <td>$1.60 \leq h < 1.65$</td> <td>29</td> </tr> <tr> <td>$1.65 \leq h < 1.75$</td> <td>17</td> </tr> <tr> <td>$1.75 \leq h < 1.85$</td> <td>1</td> </tr> </tbody> </table>	Height (h metres)	Frequency	$1.50 \leq h < 1.55$	8	$1.55 \leq h < 1.60$	33	$1.60 \leq h < 1.65$	29	$1.65 \leq h < 1.75$	17	$1.75 \leq h < 1.85$	1	<p>Calculate an estimate of the mean.</p> <p> 12.2 51.975 47.725 289 1.8 </p> <p> $142 \div 88$ $1.6136m$ </p>	
Height (h metres)	Frequency													
$1.50 \leq h < 1.55$	8													
$1.55 \leq h < 1.60$	33													
$1.60 \leq h < 1.65$	29													
$1.65 \leq h < 1.75$	17													
$1.75 \leq h < 1.85$	1													
<p>What is the least common multiple (LCM) of 36 and 45.</p> <p> $36 = 2 \times 2 \times 3 \times 3$ $45 = 3 \times 3 \times 5$ </p>	 <p>LCM = 180</p>													
<p> $(5 \times 10^6) \times (7 \times 10^8)$ 35×10^{14} 3.5×10^{15} </p>														
<p>Work out</p> <p> $125^{1/3} \times 2^{-3}$ </p>	<p> $5 \times \frac{1}{8} = \frac{5}{8}$ </p>													
<p>A regular polygon has interior angles that are 5 times larger than each of its exterior angles.</p> <p>Calculate how many sides it has.</p> <p>12</p>	<p> 150° interior 30° exterior $360 \div 30 = 12$ </p>													