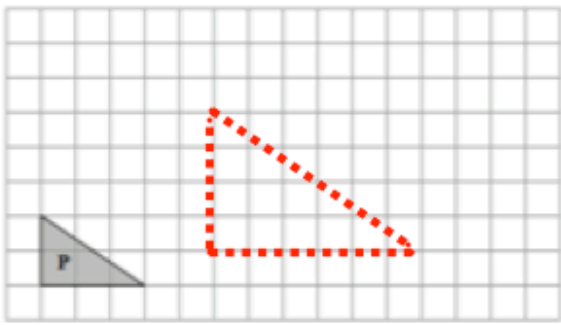
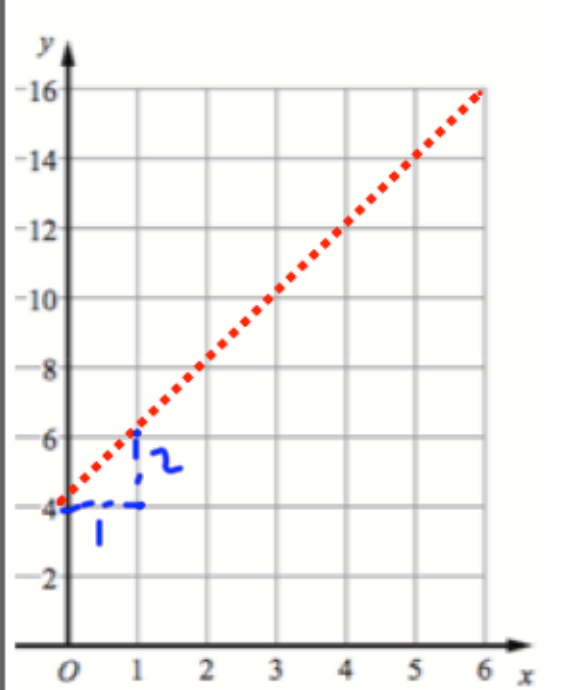



June 24th	5-a-day	Numeracy
9×3 27 4×3 12	6×8 48 5×12 60	
<p>Write $\frac{1}{4}$ as a percentage</p> 25%	<p>Write 63% as a fraction.</p> $\frac{63}{100}$	
<p>The numbers 1 to 12 inclusive are placed in a hat. John takes a number out of the bag at random.</p> <p>What is the probability it is a 9?</p> $\frac{1}{12}$	<p>What is the probability it is greater than 9?</p> $10 \quad 11 \quad 12$ $\frac{3}{12} \quad \frac{1}{4}$	
$x + 5 = 2$ $x = -3$		
$5p - 3 = 4$ $+3 \quad +3$ $5p = 7$ $\div 5 \quad \div 5$ $p = 1.4$		

June 24	5-a-day	Foundation
<p>The probability of it raining in a town is 0.2.</p> <p>How many days is it expected to rain in April?</p> <p>$0.2 \times 30 = 6$</p>		
	Enlarge P by scale factor 2	
<p>Find the lowest common multiple of 10 and 25</p> <p>50</p>		
	Draw the $y = 2x + 4$	
	What is the gradient of the line you have drawn? <p><u>2</u></p>	

June 24	5-a-day	Higher
$125^{\frac{1}{3}}$ <p style="text-align: center; color: red;">5</p>		$125^{-\frac{2}{3}}$ <p style="text-align: center; color: red;"> $125^{\frac{2}{3}} = 25$ $125^{-\frac{2}{3}} = \frac{1}{25}$ </p>
<div style="text-align: center;"> $5x + 3$ </div> <div style="text-align: center; color: red;">18</div>  <div style="text-align: center;"> $3x + 9$ </div> <div style="text-align: center; color: red;">18</div>	<p>Find x</p> <p style="color: red;"> $5x + 3 = 3x + 9$ $2x = 6$ $x = 3$ </p>	
<p>Find the perimeter of the rectangle</p> <p style="color: red;"> $18 + 18 + 6 + 6$ 48cm </p>		<p>Find the area of the rectangle</p> <p style="color: red;"> $6 \times 18 = 108\text{cm}^2$ </p>
<p>Solve using the quadratic formula, to 1 decimal place.</p> <p style="color: blue;"> $3x^2 + 11x + 9 = 0$ </p> <p style="color: red;"> $a = 3$ $b = 11$ $c = 9$ </p>		<p style="color: red;"> $x = \frac{-11 \pm \sqrt{13}}{6}$ $x = \frac{-11 + \sqrt{13}}{6}$ or $\frac{-11 - \sqrt{13}}{6}$ </p>
<p style="color: red;"> $x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$ $x = \frac{-11 \pm \sqrt{121 - (4 \times 3 \times 9)}}{6}$ </p>		<p style="color: red;"> $x = -1.2$ $x = -2.4$ </p>