
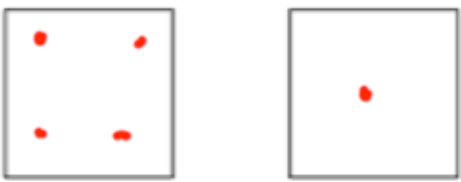
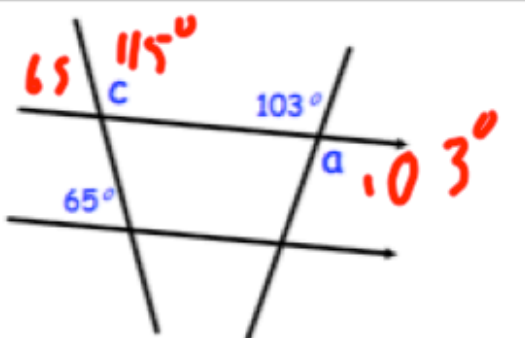
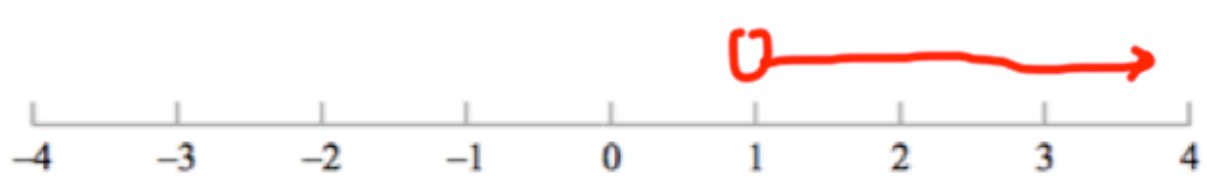
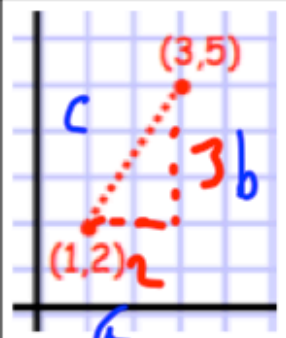
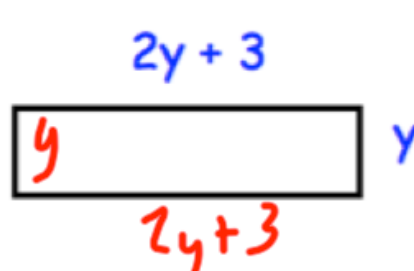


June 26th	5-a-day	Numeracy
<p>List the square numbers between 10 and 50.</p> <p>16 25 36 49</p>	<p>List the prime numbers between 10 and 20.</p> <p>11 13 17 19</p>	
<p>$\begin{array}{r} \boxed{4}5 \\ + \underline{.4\boxed{9}} \\ \hline 94 \end{array}$</p>	<p>Fill in the missing numbers</p>	
<p>Solve $3w = 12$</p> <p>$w = 4$</p>	<p>Solve $w - 7 = 4$</p> <p>$w = 11$</p>	
<p>The opposite faces of a dice add up to seven.</p> 	<p>Which of these is the view from B?</p> 	
<p>$\frac{1}{2}$ is the same as ...0. <u>5</u>.....</p> <p>$\frac{1}{4}$ is the same as ...<u>25</u> %.....</p> <p>$\frac{7}{10}$ is the same as ...0. <u>7</u>.....</p>		

Name: _____

$\times 10$ ($\times 2 \times 5$)

June 26	5-a-day	Foundation
<p>Given $180 = 2^2 \times 3^2 \times 5$</p> <p>$\downarrow \div$</p> <p>What is 90 as a product of primes?</p> <p>$2 \times 3^2 \times 5$</p>		<p>What is 1800 as a product of primes?</p> <p>$2^3 \times 3^2 \times 5^2$</p>
	<p>Size of a? 103°</p> <p>Size of c? 115°</p>	
 <p>Draw a line to represent $x > 1$</p>		
	<p>Use Pythagoras' Theorem to find the distance between (1,2) and (3,5)</p> <p>$a^2 + b^2 = c^2$ $2^2 + 3^2 = c^2$ $4 + 9 = c^2$ $13 = c^2$</p>	<p>$\sqrt{13} = 3.606 \text{ cm}$</p>
	<p>The perimeter of the rectangle is 54cm. Find the size of y.</p> <p>$6y + 6$</p>	

June 26	5-a-day	Higher
$\frac{5.6 \times 10^6}{2 \times 10^{-3}}$		2.8×10^9
<p>Solve</p> $5(x - 1) - 4(x + 2) = 2(x - 7)$	$-13 = x - 14$ $x = 1$	$5x - 5 - 4x - 8 = 2x - 14$ $x - 13 = 2x - 14$
<p>Factorise</p> $3y^2 - 10y + 3$		$(3y - 1)(y - 3)$
<p>Find where the lines $y = 2x - 5$ and $y = x$ cross.</p>	$y = 5$ $(5, 5)$	$2x - 5 = x$ $x = 5$
<p>Simplify</p> $\frac{40}{\sqrt{5}} + \sqrt{20}$	$\frac{40\sqrt{5}}{5} + \sqrt{20}$ $8\sqrt{5} + \sqrt{20}$ $8\sqrt{5} + \sqrt{4 \times 5}$	$8\sqrt{5} + 2\sqrt{5}$ $\underline{10\sqrt{5}}$