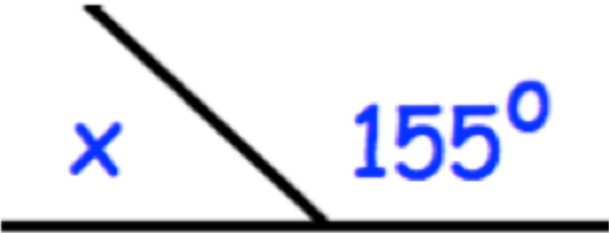

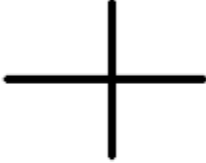

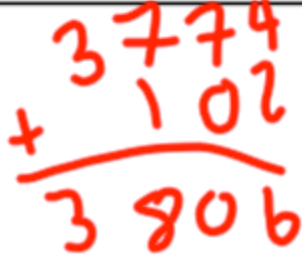
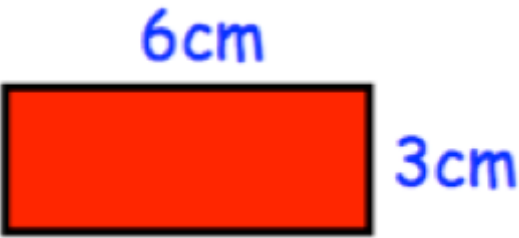
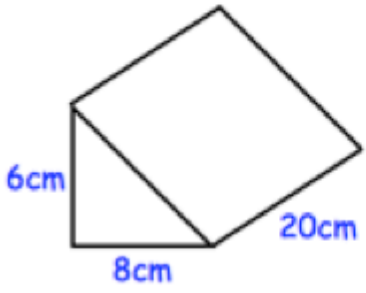

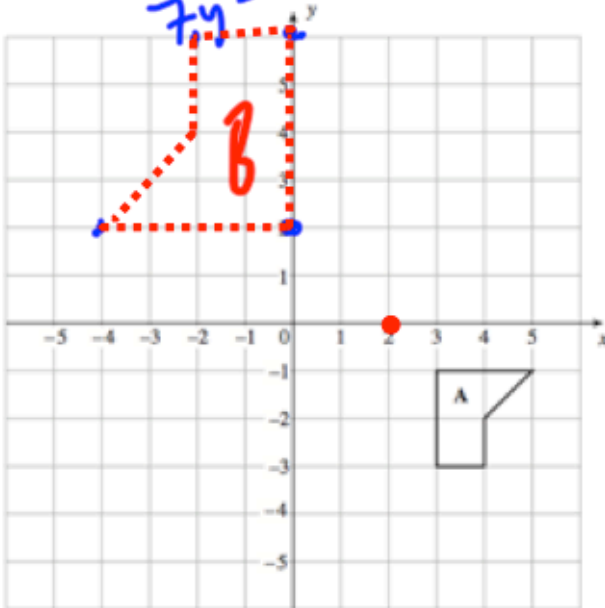


July 26th	5-a-day	Numeracy
		25°
<p>Draw two parallel lines</p> 	<p>Draw two perpendicular lines</p> 	
	<p>In 5 games, a footballer scores: 1 2 1 3 4</p> <p>What is the median? 2</p> <p>What is the range? 3</p>	<p>$1\ 1\ 2\ 3\ 4$</p>
<p>Given</p> $37 \times 102 = 3774$ <p>Work out 38×102</p>		
	<p>Calculate the area</p> 18cm^2	

July 26	5-a-day	Foundation
<p>There are red, green and white counters in a bag.</p> <p>$\frac{3}{8}$ of the counters are red.</p> <p>$\frac{1}{6}$ of the counters are green.</p>		<p>What fraction of the counters are white?</p> $\frac{3}{8} + \frac{1}{6} = \frac{9}{24} + \frac{4}{24} = \frac{13}{24}$ $1 - \frac{13}{24} = \frac{11}{24}$
<p>Make g the subject</p> $d = 3g + 2f$	$d - 2f = 3g$ $g = \frac{d - 2f}{3}$	
<p>What is the sum of interior angles in a regular octagon?</p> 1080°		<p>What is the size of each interior angle in a regular octagon?</p> 135° $1080 \div 8$
		<p>Calculate the volume</p> $24 \times 20 = 480 \text{ cm}^3$
<p>A regular polygon tessellates (fits together with no spaces).</p> <p>Matt says there are only two shapes that tessellate... equilateral triangles and squares. He is wrong.... why?</p>		<p>Regular hexagons.</p> 

July 26	5-a-day	Higher
<p>Solve $2(5 - 2x) = 5 + 6x$</p> $10 - 4x = 5 + 6x$ $5 = 10x$		$x = 0.5$
<p>Solve these simultaneous equations</p> $2x + 5y = 4 \quad \times 3$ $3x + 4y = 13 \quad \times 2$ $6x + 15y = 12$ $6x + 8y = 26 \quad \text{sub}$ $7y = -14$		$y = -2 \quad \text{check}$ $2x - 10 = 4$ $2x = 14$ $x = 7$ $21 - 8 = 13 \quad \checkmark$
 <p>Enlarge A by scale factor -2, centre (2, 0) and label your shape B.</p>		
<p>Make a the subject of the formula</p> $10(a - 3c) = 4(w + a)$ $10a - 30c = 4w + 4a$ $6a = 4w + 30c$		$3a = 2w + 15c$ $a = \frac{2w + 15c}{3}$