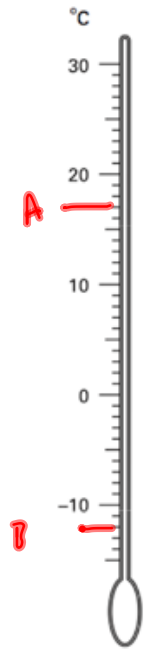
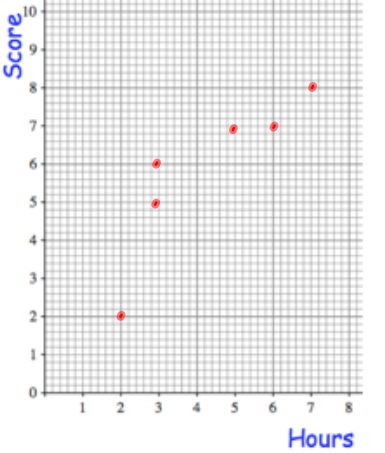
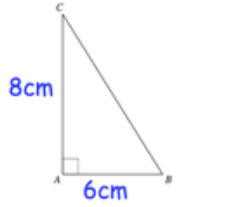
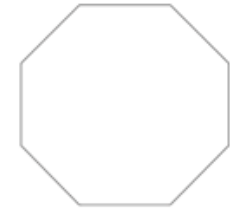


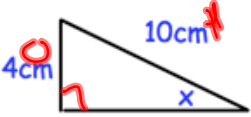
Name: _____

September 24th	5-a-day
	Show the temperature 17°C with an arrow and the letter A.
	Show the temperature -12°C with an arrow and the letter B.
	Work out the difference in temperature between A and B. 29°C
$(6 + 2) \times 6$ 8×6 $= 48$	$5 + 3 \times 2$ $5 + 6$ $= 11$
Put brackets in the calculation to make the answer 46 . $6 + (7 + 1) \times 5$	

Name: _____

September 24	5-a-day	Foundation
	<p>Plot the data below</p> <p>Anna: 3 hours revising, scored 5/10 Betty: 7 hours revising, scored 8/10 Carl: 2 hours revising, scored 2/10 Dave: 6 hours revising, scored 7/10 Emma: 3 hours revising, scored 6/10 Fred: 5 hours revising, scored 7/10</p>	<p>Describe the relationship shown.</p> <p>the more time spent revising, the higher the score</p>
	<p>Find the area of triangle ABC.</p> <p>24 cm^2</p>	
<p>Calculate the length of BC.</p> <p>$6^2 + 8^2 = 100$ $\sqrt{100} = 10$</p> <p>10 cm</p>	<p>Find the perimeter of ABC.</p> <p>24 cm</p>	
	<p>Shown is a regular octagon. Work out the size of each interior angle.</p> <p>135°</p>	

Name: _____

September 24	5-a-day	Higher
<p>Shown is a right angled triangle.</p>  <p>Find angle x.</p>	$\sin^{-1} \frac{4}{10}$ $= 23.578^\circ$	
<p>Write down the equation of the line that is parallel to $y = 5x + 2$ and passes through $(0, 7)$</p> $y = 5x + 7$	<p>Write down the equation of the line that is parallel to $y = 5x + 2$ and passes through $(1, 10)$</p> $y = 5x + 5$	
<p>A field is 3 metres longer than wide. $x + 3$ The width of the field is x metres. The area of the field is 10m^2</p>	<p>Find x.</p> $x^2 + 3x = 10$ $x^2 + 3x - 10 = 0$ $(x + 5)(x - 2) = 0$ $x = 2$	
<p>Find the value n.</p> $2 \times \sqrt{2} = 2^n$ $2^1 \times 2^{1/2}$	$n = 1\frac{1}{2}$	
<p>Rationalise the denominator</p> $\frac{3 + \sqrt{2}}{\sqrt{3}}$	$\frac{\sqrt{3}(3 + \sqrt{2})}{3}$ $\frac{3\sqrt{3} + \sqrt{6}}{3}$	