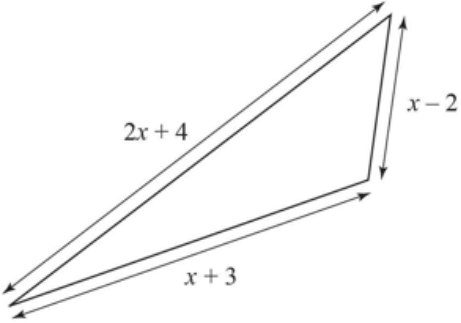
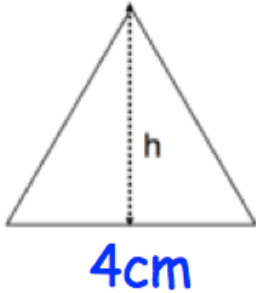


Name: \_\_\_\_\_

October 22	5-a-day	Higher
<p>Expand and simplify</p> $(y - 2)(2y + 5)$		
<p><math>x = 2y + 3</math></p> <p>Rearrange the formula to make <math>y</math> the subject</p>		
 <p>A scalene triangle with side lengths labeled as <math>2x + 4</math>, <math>x + 3</math>, and <math>x - 2</math>.</p>	<p>The perimeter of the triangle is 53cm. Find <math>x</math>.</p>	
 <p>An equilateral triangle with a height line labeled <math>h</math> and a base labeled <math>4\text{cm}</math>.</p>	<p>Find the height of this equilateral triangle.</p>	
<p>The length of a field is 60m to the nearest ten metres.</p> <p>The width of the field is 20m to the nearest metre.</p>		<p>Work out the maximum area of the field.</p>