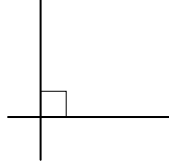
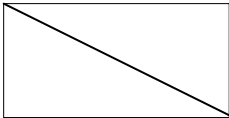


<p>What name is given to an angle which is less than 90°?</p>	<p>How many degrees are in a right angle? How is it labelled in a diagram?</p>
<p>Acute</p>	<p>90° Labelled with a small square: </p>
<p>What is true about the angles in any triangle?</p>	<p>If the largest angle in a triangle is 80°, what could the other two angles be?</p>
<p>Angles in a triangle sum to 180°</p>	<p>e.g. 40° and 60° (any two angles which add to 100° and are not greater than 80°)</p>
<p>What is special about an isosceles triangle?</p>	<p>What is special about an equilateral triangle?</p>
<p>It has two equal sides and two equal angles.</p>	<p>All the sides are equal, and each angle is 60°</p>
<p>How many sides in ... a. a quadrilateral b. an octagon</p>	<p>What is the mathematical name for the shape of a can of beans?</p>
<p>a. four b. eight</p>	<p>Cylinder</p>

<p>On a graph, what are the coordinates of the origin?</p>	<p>Describe where you would plot: a. (2,1) b. (-1,3) c. (-4,-6)</p>
<p>(0,0)</p>	<p>a. Two right on the x-axis, 1 up the y-axis b. One left on the x-axis, 3 up the y-axis c. Four left on the x-axis, 6 down the y-axis</p>
<p>In a circle, what do we call: a. the line from the centre to the edge? b. the line all the way round the outside?</p>	<p>What are the four cardinal points of a compass, clockwise from the top?</p>
<p>a. the radius b. the circumference</p>	<p>North East South West</p>
<p>How do you calculate the area of a: a. rectangle b. triangle</p>	<p>What do we mean when we say two shapes are 'congruent'?</p>
<p>height  width</p> <p>a. width \times height b. $\frac{1}{2} \times$ width \times height</p>	<p>They are identical (They are the same shapes with the same measurements, but they may be rotated or reflected)</p>
<p>I enlarge a shape by a scale factor of 3. One side was originally 5cm. How long is it now?</p>	<p>A plan is drawn to a scale of 1cm to 5m. A line on the plan is 3.1cm – what distance does this represent?</p>
<p>15cm</p>	<p>15.5m</p>

<p>a. How many grams are in a kilogram? b. What is 1.2kg in grams?</p>	<p>a. How many inches are in a foot? b. What is $3\frac{1}{2}$ feet in inches?</p>
<p>a. 1000g b. 1.2kg = 1200g</p>	<p>a. 12 inches b. $3\frac{1}{2}$ft = 42in</p>
<p>a. How many metres in a kilometre? b. What is 3500m in kilometres?</p>	<p>a. How many millimetres are in a centimetre? b. What is 34cm in millimetres?</p>
<p>a. 1000m b. 3500m = 3.5km</p>	<p>a. 10mm b. 34cm = 340mm</p>
<p>a. How many centimetres are in a metre? b. What is 4.6m in centimetres?</p>	<p>Roughly how many feet are in a metre?</p>
<p>a. 100cm b. 4.6m = 460cm</p>	<p>3</p>
<p>What metric and imperial units would you use to measure the distance from London to Paris?</p>	<p>What metric units would you use for ... a. the volume of a cereal box b. the area of a football pitch?</p>
<p>Metric: kilometres Imperial: miles</p>	<p>a. cm^3 (centimetres cubed) b. m^2 (metres squared)</p>

<p>If you roll two dice and add the scores, what different totals can you get?</p>	<p>When rolling a dice, what is the probability of rolling: a. a six b. an even number</p>
<p>All the whole numbers from 2 to 12</p>	<p>a. $\frac{1}{6}$ b. $\frac{1}{2}$ (3 possibilities out of 6)</p>
<p>How do you find the mean of a set of numbers?</p>	<p>How do you find the median of a set of numbers?</p>
<p>Add them all up and divide by how many numbers there are</p>	<p>Put them in order and find the middle value If you have an even number of values, you will have to find the mean of the two middle values</p>
<p>What does 'frequency' mean?</p>	<p>In a pie chart, what is the sum of all of the angles of the sectors?</p>
<p>The number of times something occurs</p>	<p>360°</p>
<p>In a class, 5 people own a pet, 7 people own two pets, and 3 people own three pets. How many pets does the class own in total?</p>	<p>A pictogram uses 4 icons to represent 12 people. How many people are represented by 7 icons?</p>
<p>$5 \times 1 = 5$ $7 \times 2 = 14$ $3 \times 3 = 9$ $5 + 14 + 9 = 28$</p>	<p>$1 \text{ icon} = 12 \div 4 = 3$ $7 \text{ icons} = 3 \times 7 = 21$</p>