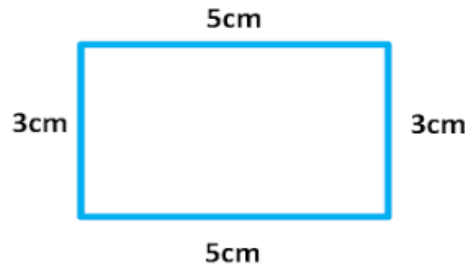


Perimeter

Perimeter is the length of the sides together. We can work this out by adding all the sides.



$$3\text{cm} + 5\text{cm} + 3\text{cm} + 5\text{cm} = \underline{\quad}\text{cm}$$

Area

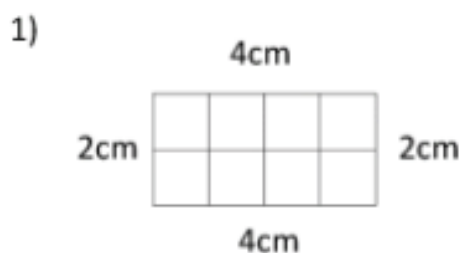
Area is the space the shape takes up. We can work this out by multiplying the length and width only.

$$3\text{cm} \times 5\text{cm} = \underline{\quad}\text{cm}^2$$

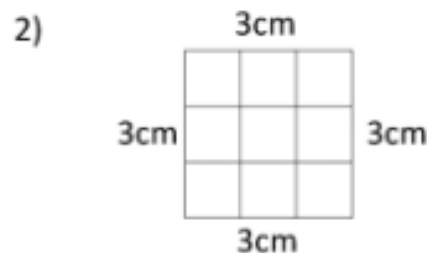
For area, your answer must have '2' (squared) after the unit to show that it's talking about area.

Activity 1:

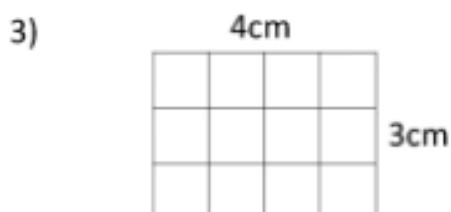
- Work out the perimeter of the four rectangles and squares below. If a length or width is missing, use the measurement on the other side of the shape to help you.
- Order them from biggest to smallest perimeter



Perimeter = cm



Perimeter = cm




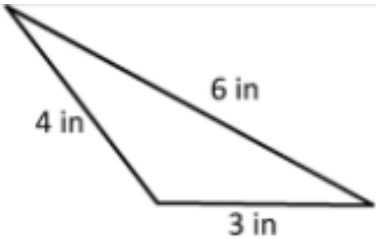
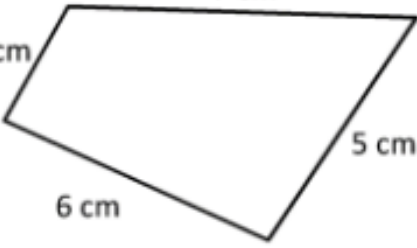
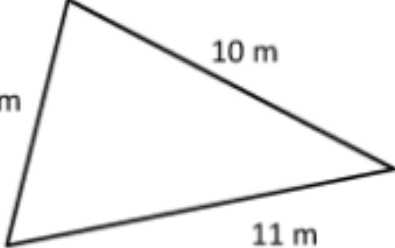
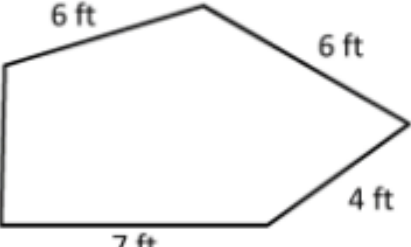

Perimeter = cm



Perimeter = cm




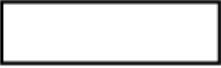
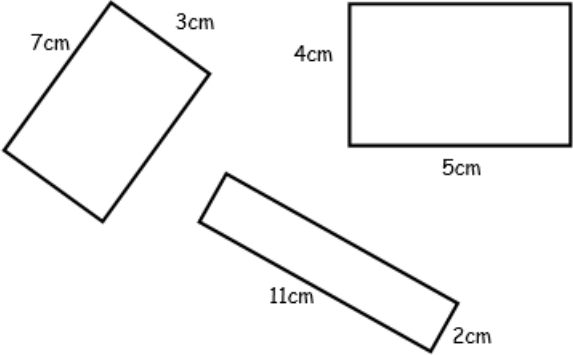
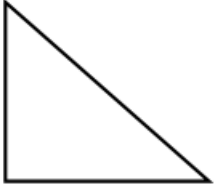
Activity 2:

- Work out the perimeter of these irregular shapes. Remember to use other sides to help you if measurements are missing.

<p>1)</p>  <p>Perimeter = _____ cm</p>	<p>2)</p>  <p>Perimeter = _____ in</p>
<p>3)</p>  <p>Perimeter = _____ cm</p>	<p>4)</p>  <p>Perimeter = _____ m</p>
<p>5)</p>  <p>Perimeter = _____ ft</p>	<p>6)</p>  <p>Perimeter = _____ cm</p>

Activity 3:

- Workout the area for the shapes below.
- For the triangle, you must divide by two AFTER multiplying length and width.

<p>What is the area of this rectangle?</p> <p>8cm</p>  <p>4cm</p>	<p>This square has sides of 7cm. What is its area?</p> <p>5cm</p> 	<p>What is the total area of these 2 shapes?</p> <p>6cm</p>  <p>5cm</p> <p>7cm</p>  <p>3cm</p>
<p>Colour which of these rectangles has the largest area.</p> 		<p>Find the area of this triangle. (Remember that we find the area of the rectangle then divide this by 2!)</p>  <p>6cm</p> <p>8cm</p>

Activity 4:

- Look at the shape below. It has been split into two shapes (a triangle and rectangle), to help you.
- Work out the area of both smaller shapes AND the area of the whole shape.
- To work out the triangle length, subtract the two given lengths from each other.
- Annotate explain why and how you worked out your answer.

