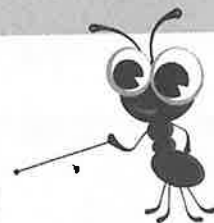


Name: _____ Date: _____

Three-piece rectangle



Use the properties of rectangles to find missing lengths and angles

1 Write the sizes of the missing angles in the rectangle below.

2 Cut out the rectangle, then cut along the lines to make triangles A, B and C.

You will need:

- scissors

3 For each shape:

- join two or more triangles along equal sides
- work out and record the sizes of all the angles in the shape.

a Join pieces A and C to make a triangle.

The sizes of the angles are: 45° , $^\circ$ and $^\circ$.

b Join pieces B and C to make a trapezium.

The sizes of the angles are: $^\circ$, $^\circ$, $^\circ$ and $^\circ$.

c Join shapes A, B and C to make a kite.

The sizes of the angles are: $^\circ$, $^\circ$, $^\circ$ and $^\circ$.

d Join shapes A, B and C to make a parallelogram. Can you find three?

The sizes of the angles are: $^\circ$, $^\circ$, $^\circ$ and $^\circ$.

