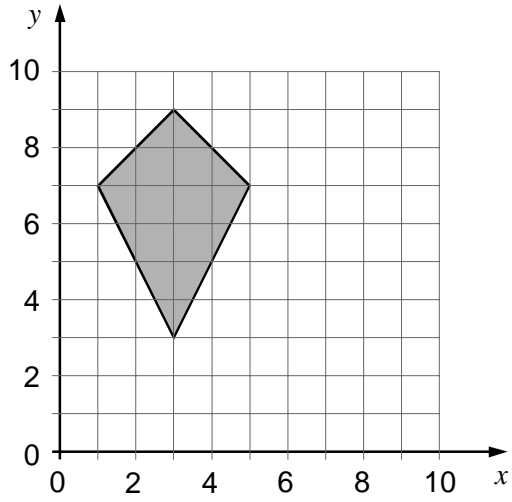# 1. Shapes

Look at the shaded shape.

(a) **Two** statements below are correct.

Tick the correct statements.

The shape is a **quadrilateral.** ☐

The shape is a **trapezium**. ☐

The shape is a **pentagon**. ☐
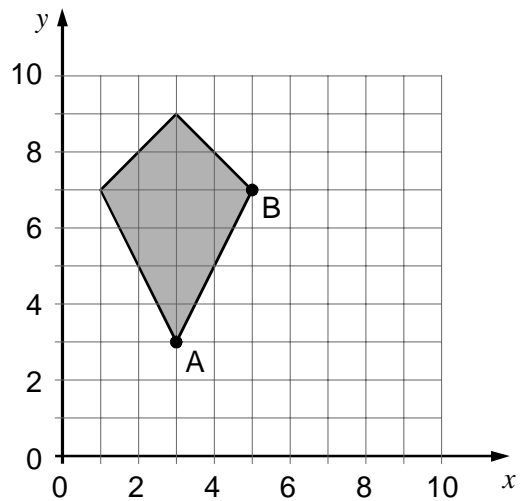
The shape is a **kite.** ☐

The shape is a **parallelogram**. ☐

1 mark

(b) What are the co-ordinates of point **B**?
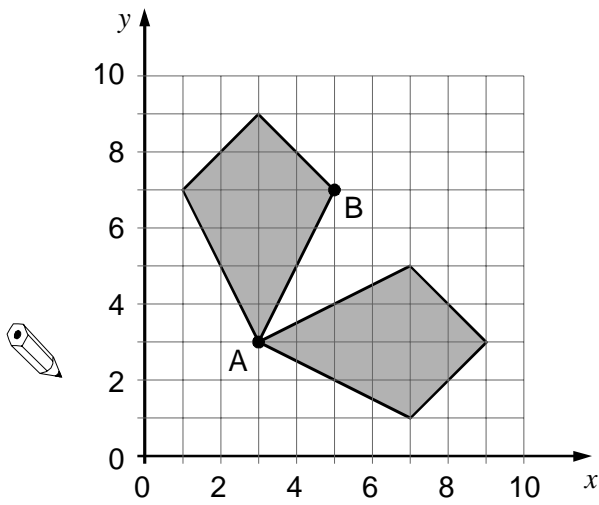

 (,   )

1 mark

(c)   The shape is **reflected** in a mirror line.

Point A stays in the same place.

Where is point **B** reflected to?

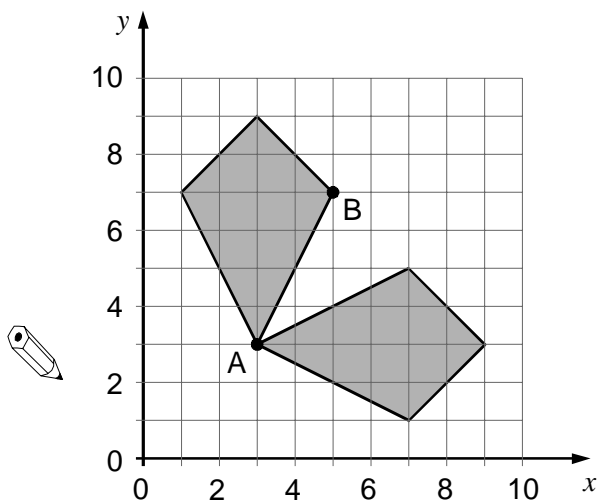Put a cross on the grid to show the correct place.

1 mark

(d)   Now the shape is **rotated**..

Point A stays in the same place.

Where is point **B** rotated to?

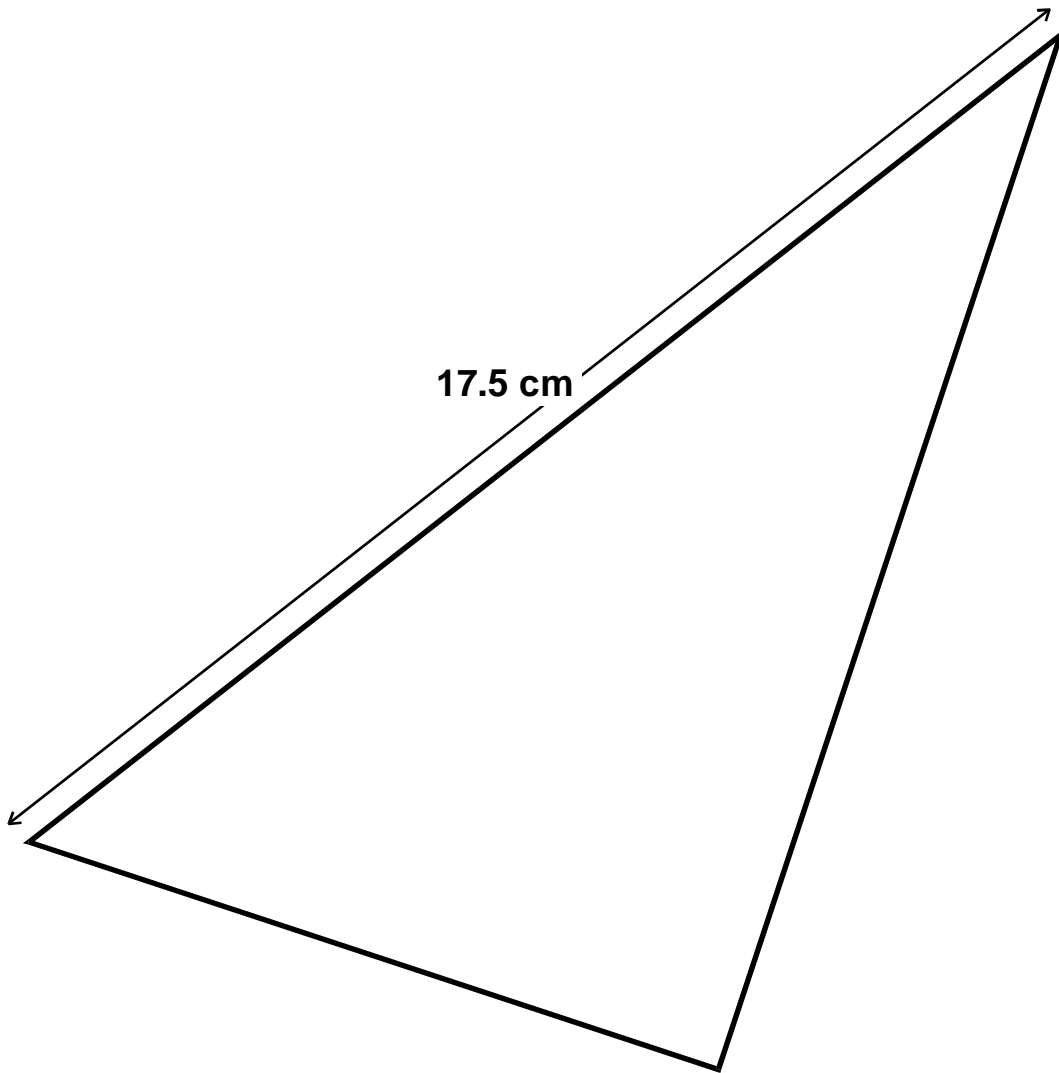Put a cross on the grid to show the correct place.

Total 4 marks

1 mark

2. Lengths

(a) This triangle is accurately drawn
One side is 17.5cm long.

17.5 cm

Glyn says:

The **perimeter** of the triangle is **about 30cm.**

How can you tell that he is wrong **without** measuring the other two sides?

(b) Measure each of the other two sides of the triangle.

Write their lengths to the **nearest 0.1** of a centimetre.

.... cm   and   .... cm   and **17.5cm**

2 marks

(c) Add up the lengths of the three sides of the triangle to find the **perimeter** of the triangle.

Remember to write down enough working to show you have not used a calculator.
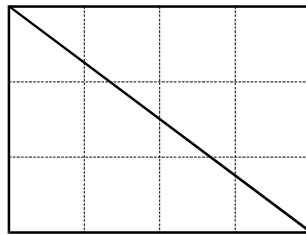
Working

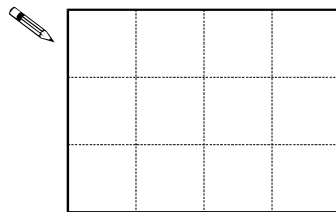............................. cm

2 marks

3. Drawing lines

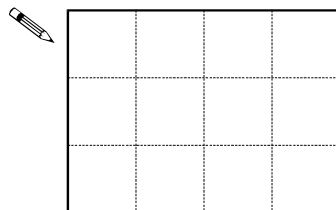You can draw one straight line on the rectangle to make **two triangles**.

(a) Draw one straight line on the rectangle below to make **one square** and **one rectangle** that is not a square.

1 mark

(b) Draw one straight line on the rectangle below to make **one triangle** and **one quadrilateral**.

1 mark