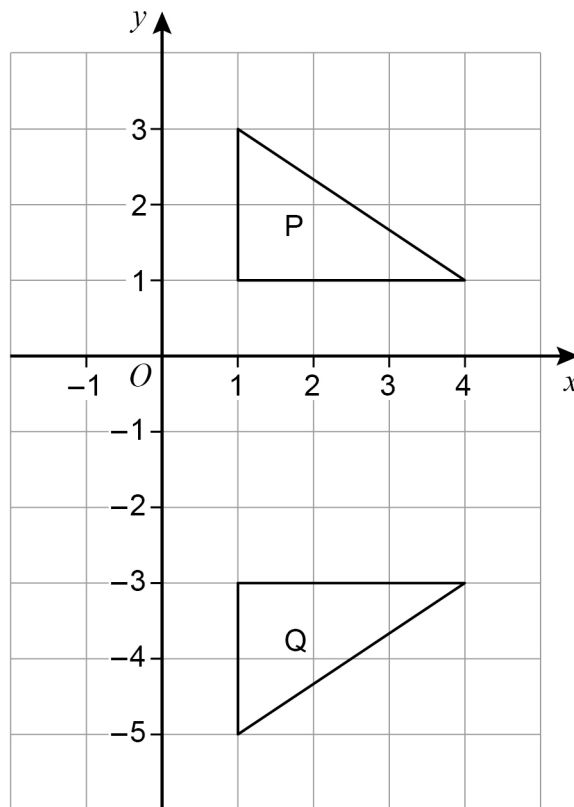**1 (a)**   Here are two triangles, P and Q.

Here is a statement.

A transformation that maps P to Q is a reflection in the line $x = -1$
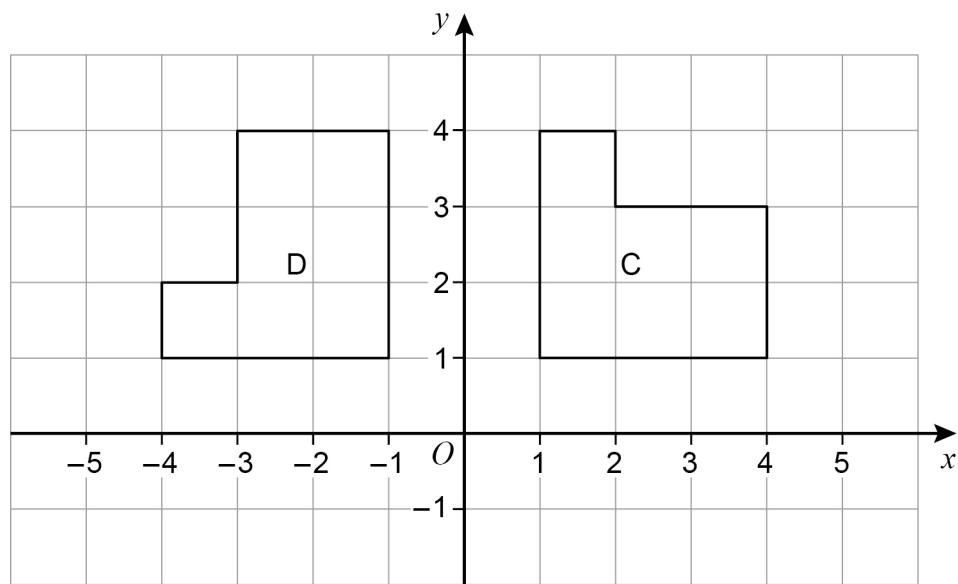
Make **one** criticism of the statement.

[1 mark]

Should be

↳ Reflection in the line $y = -1$. ①

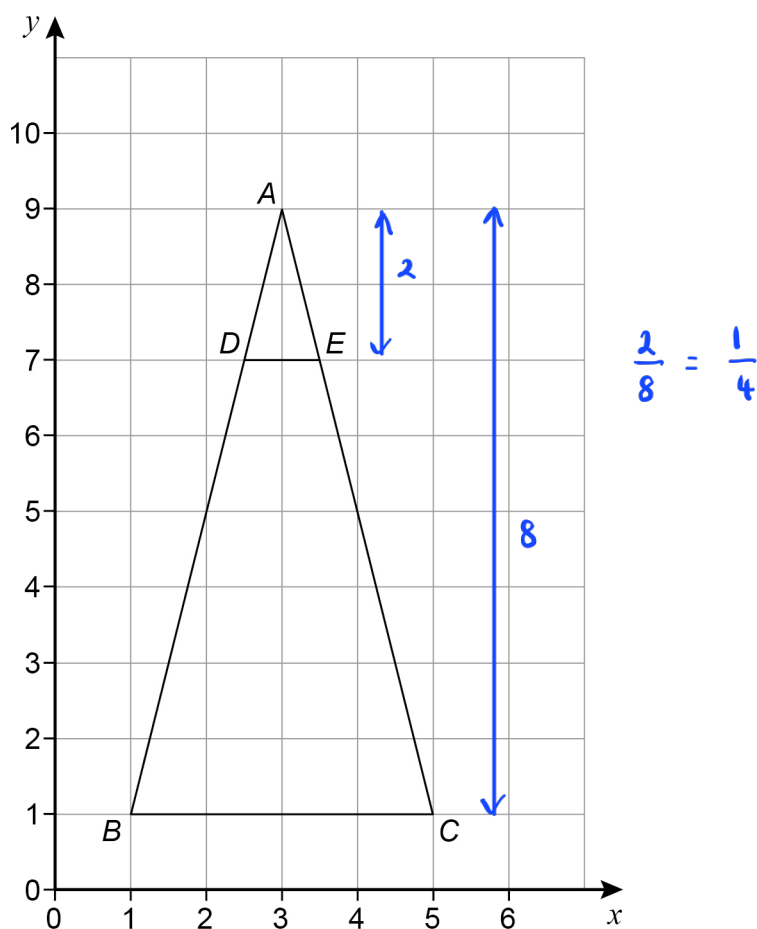**1 (b)** Here are two shapes, C and D.

Here is a statement.

A transformation that maps C to D is a rotation through 90° anticlockwise.

Make **one** criticism of the statement.

[1 mark]

Missing centre of rotation at point 0. ①

2

Describe fully the **single** transformation that maps triangle *ABC* to triangle *ADE*.

[3 marks]
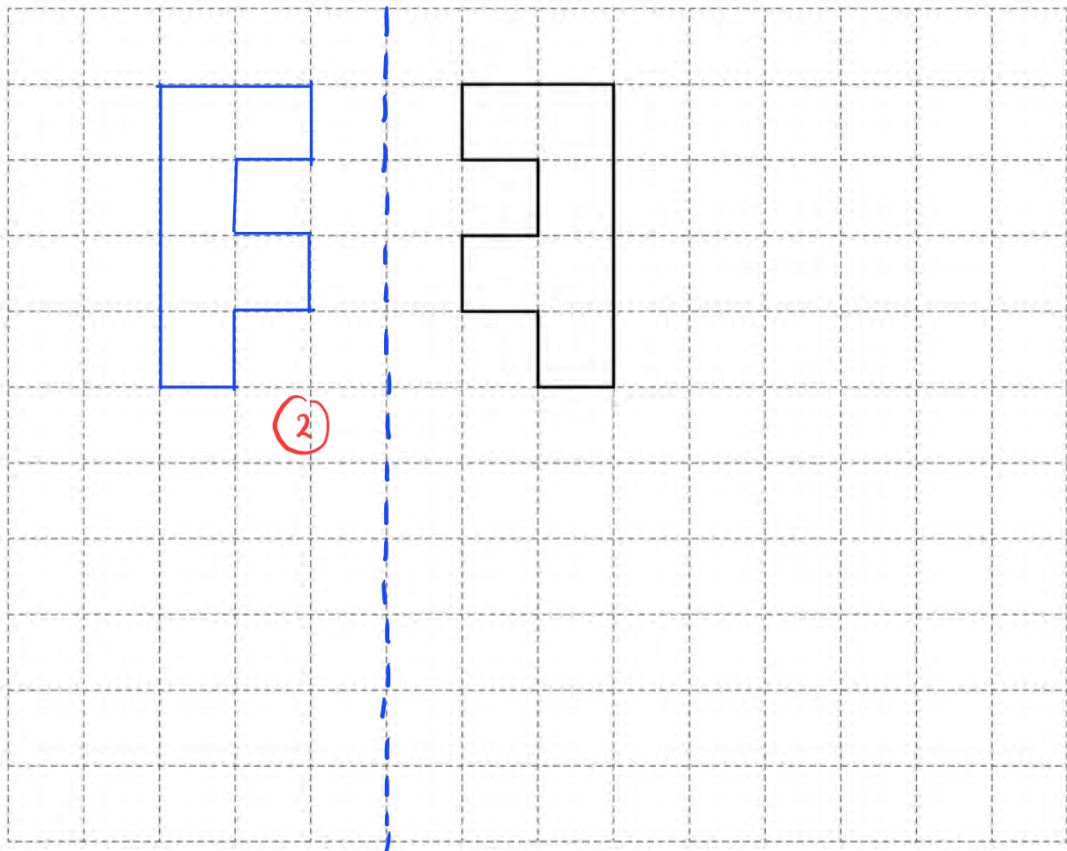
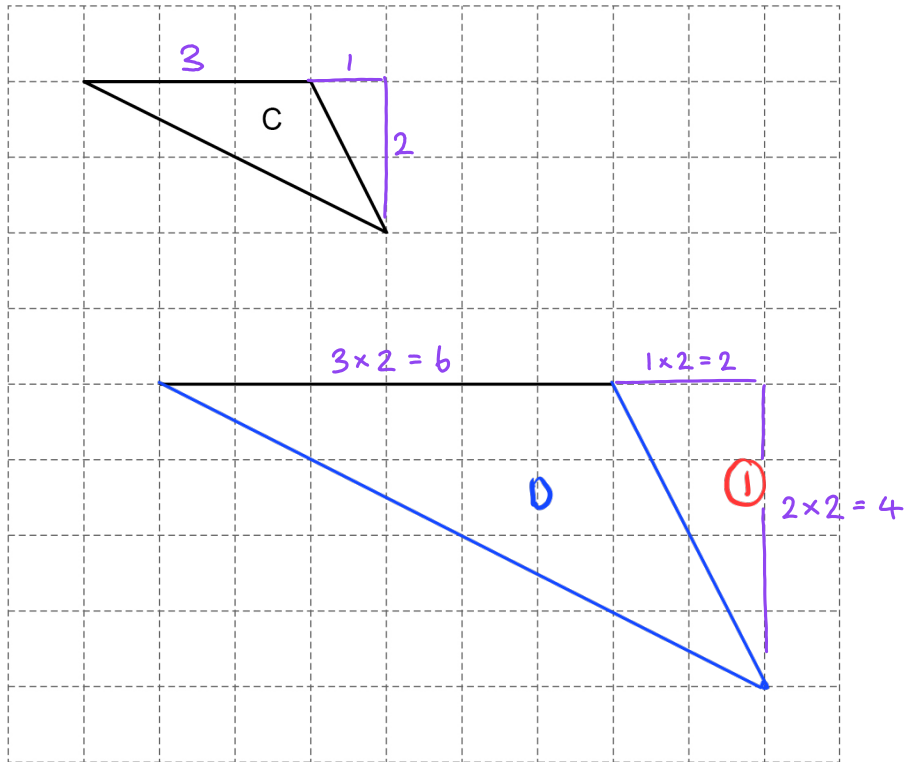Enlargement of scale factor $\frac{1}{4}$ at centre A.

3 (a) On this grid draw a reflection of shape **C**.

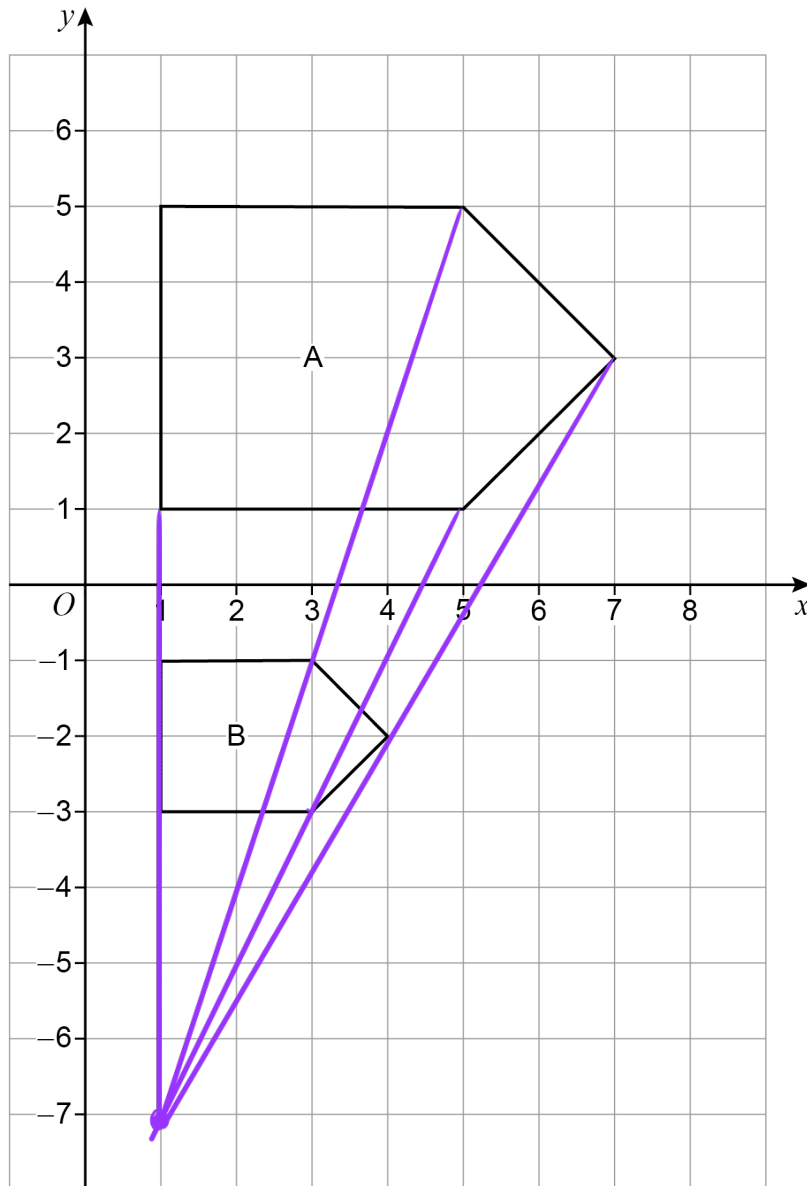Show your mirror line.

[2 marks]

4 (a)   On this grid, shape C is shown.

One side of shape D is also shown.

Complete shape D so that it is an enlargement of shape C with scale factor 2

[1 mark]

5

Describe fully the **single** transformation that maps shape A to shape B.

[3 marks]

Enlargement of scale factor ½ at point (1,-7).