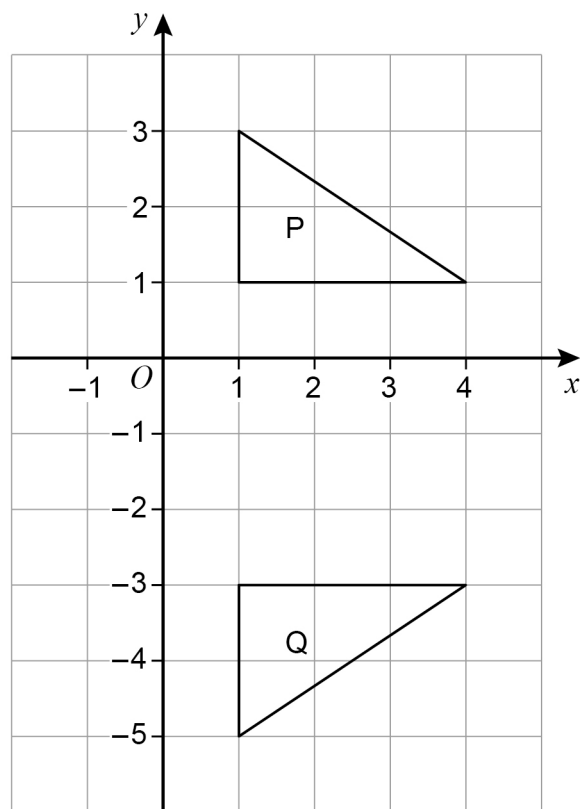


- 1 (a) Here are two triangles, P and Q.



Here is a statement.

A transformation that maps P to Q is a reflection in the line  $x = -1$

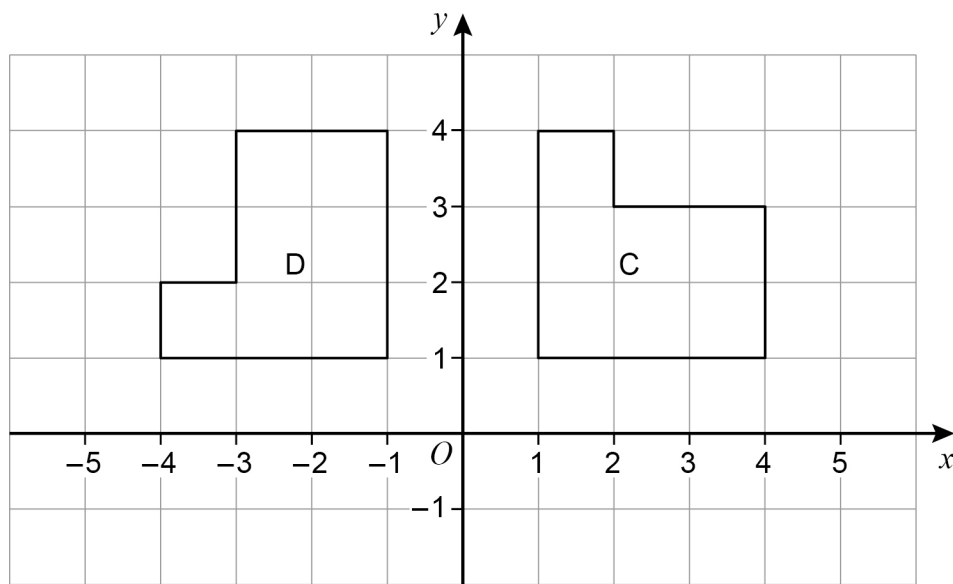
Make **one** criticism of the statement.

[1 mark]

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



Here is a statement.

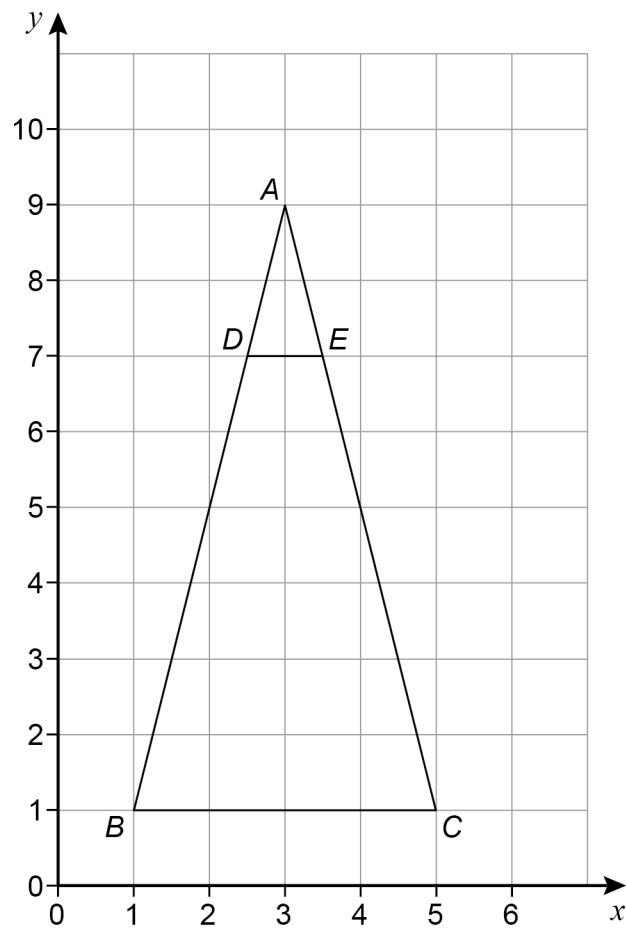
A transformation that maps C to D is a rotation through  $90^\circ$  anticlockwise.

Make **one** criticism of the statement.

[1 mark]

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**2**

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

**[3 marks]**

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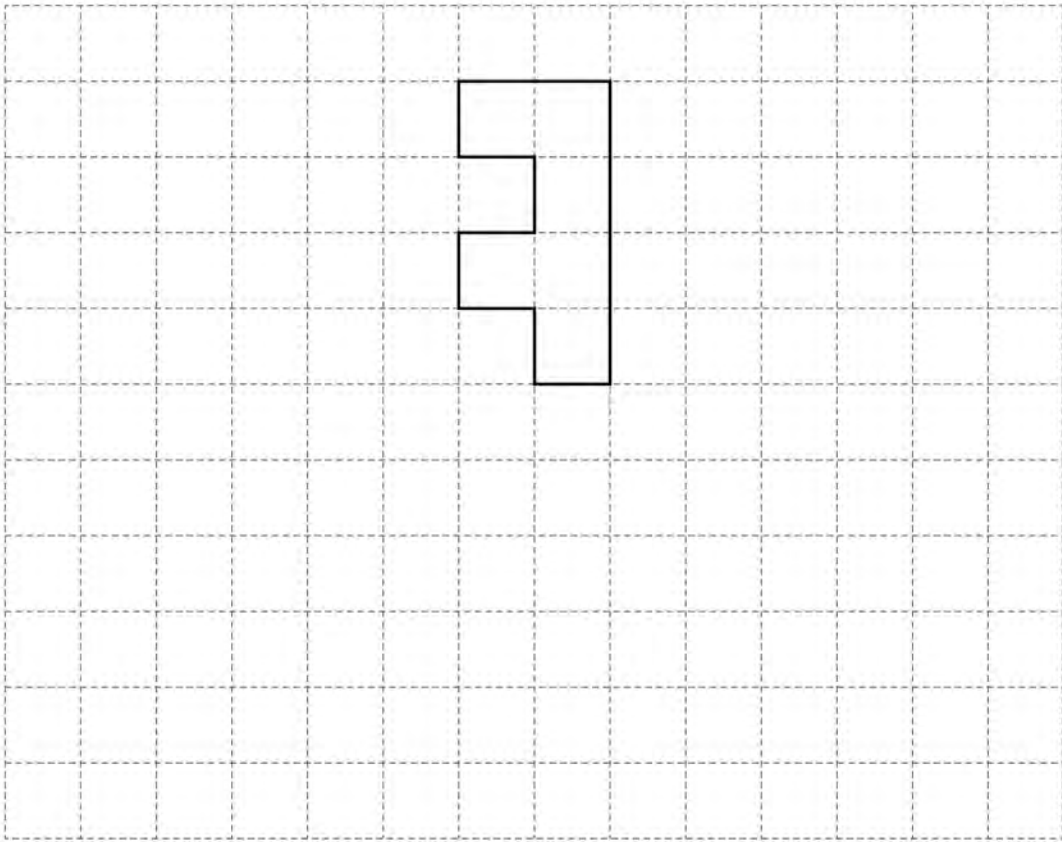
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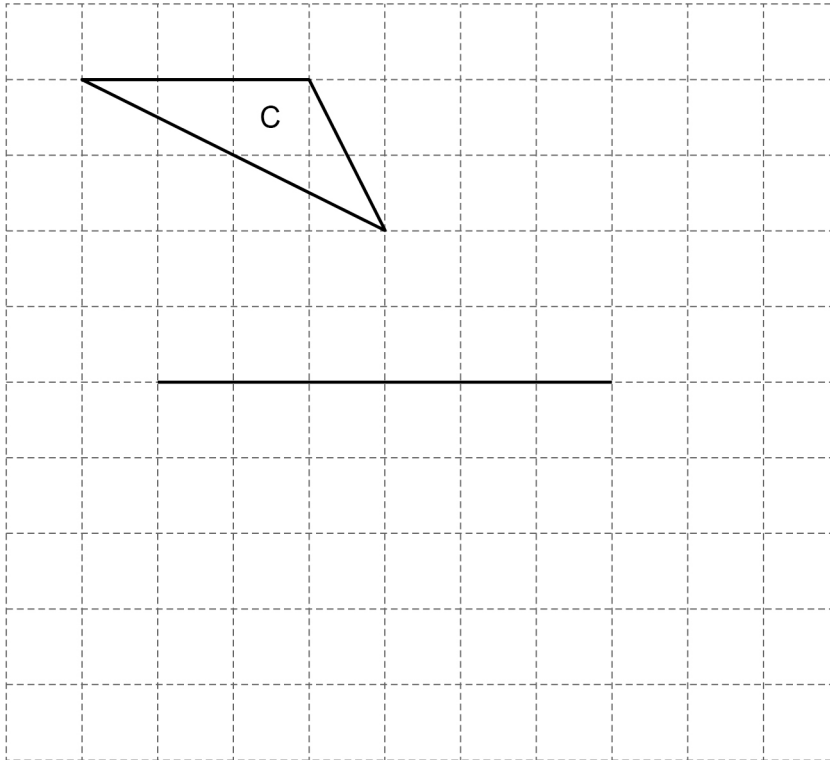
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- 3 (a)** On this grid draw a reflection of shape **C**.  
Show your mirror line.

**[2 marks]**



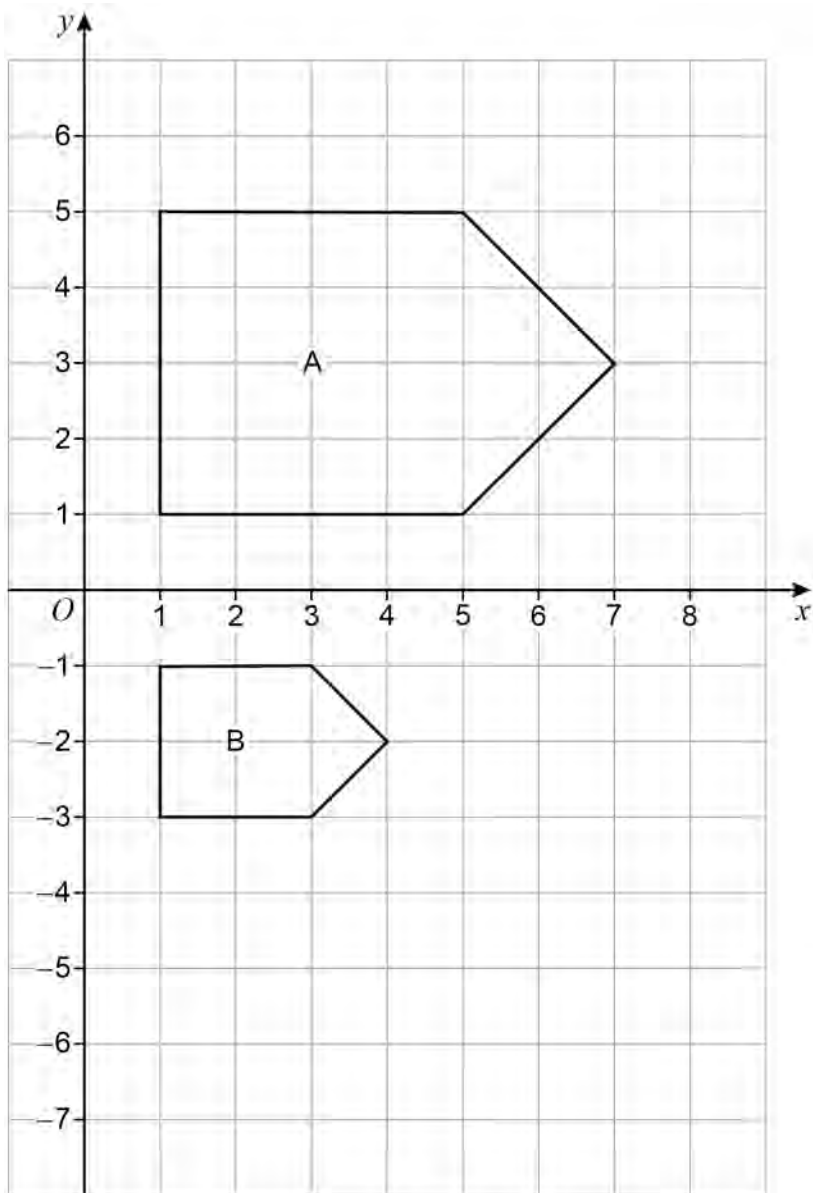
- 4 (a)** On this grid, shape C is shown.  
One side of shape D is also shown.



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]**

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