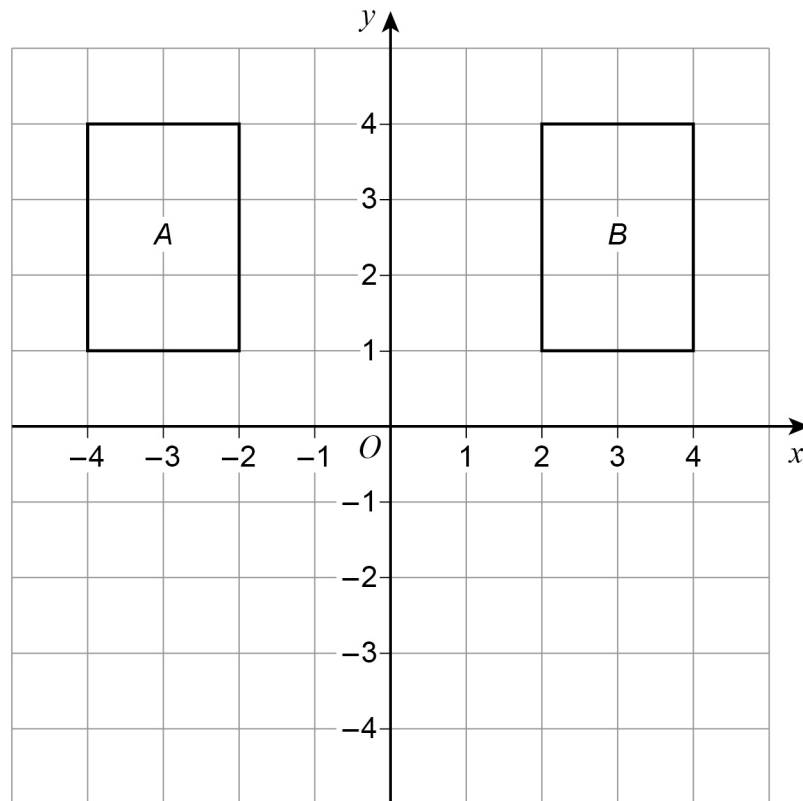**21 (a)** The diagram shows rectangles A and B.

Rectangle A can be mapped to rectangle B by a **single** transformation.

Javed says,

"The **only** single transformation is a reflection in the y-axis because the rectangles are on opposite sides of the y-axis."

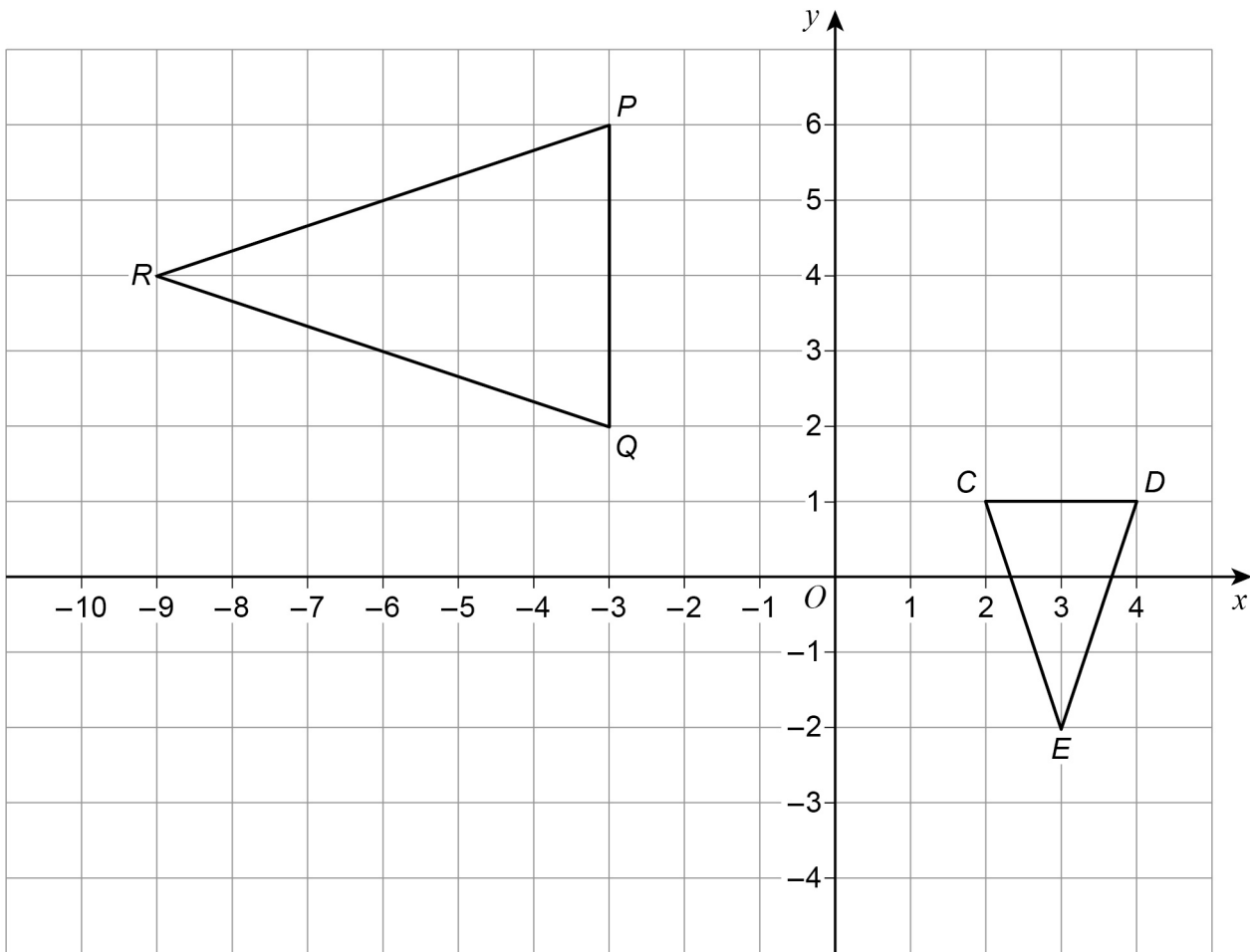Is he correct?

Tick a box.

Yes ☐   No ☐

Give a reason for your answer.

[1 mark]

21 (b) This diagram shows triangles *CDE* and *PQR*.

CDE is mapped to *PQR* by combining two single transformations.

The first is a rotation of 90° anticlockwise about *E*.

Describe fully the second transformation.

[3 marks]

_____

_____

_____

Turn over for the next question

4

Turn over ▶