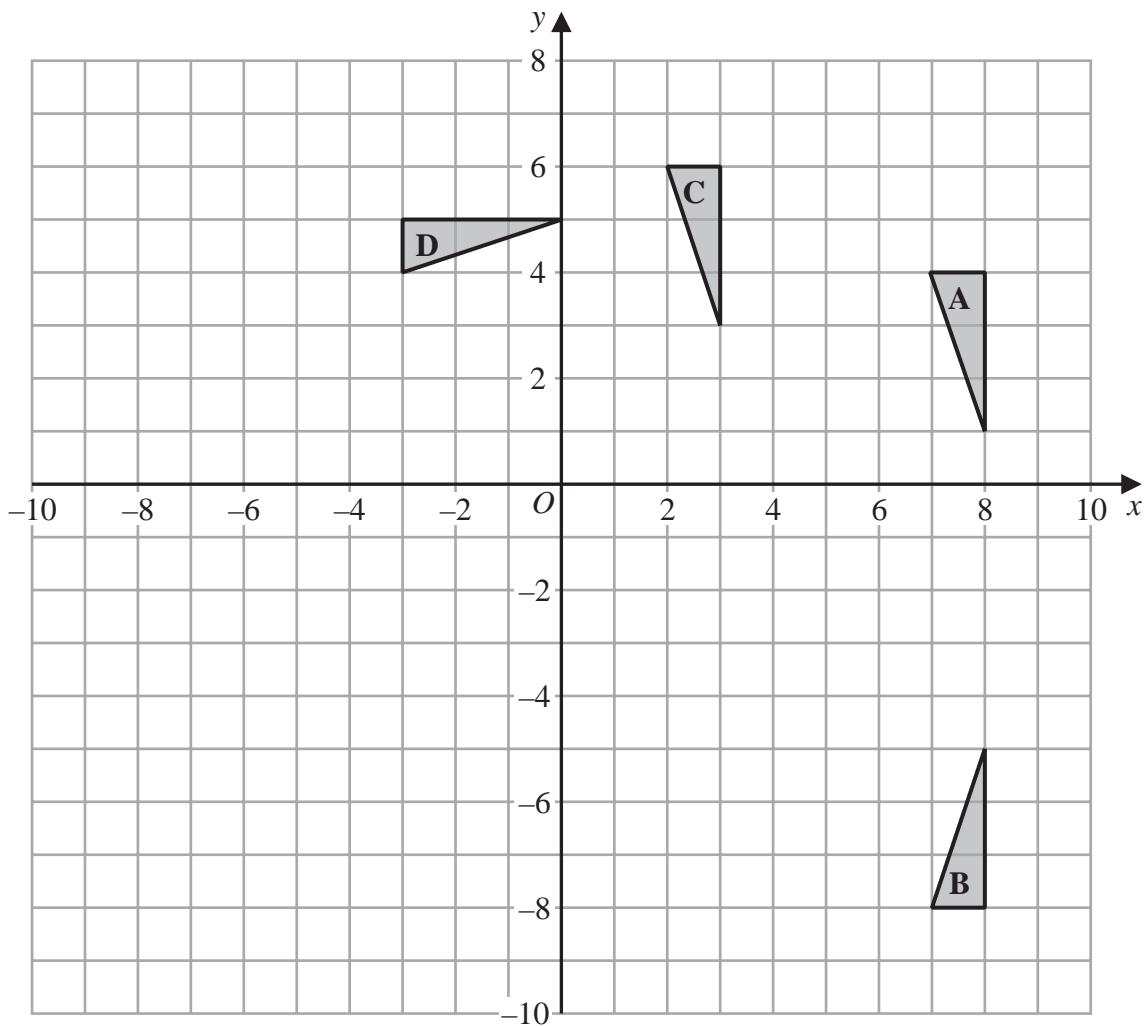


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4



Triangles A , B , C and D are drawn on the grid above.

Describe fully the single transformation that maps

- (a) triangle A onto triangle B (2)
- (b) triangle A onto triangle C (2)
- (c) triangle A onto triangle D (3)

Triangle E is the image of triangle A under an enlargement with scale factor -2 and centre of enlargement $(4, 0)$

- (d) On the grid, draw and label triangle E (2)



Question 4 continued

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(Total for Question 4 is 9 marks)



P 6 9 3 1 0 A 0 7 3 2