

DO NOT WRITE IN THIS AREA

- DO NOT WRITE IN THIS AREA**

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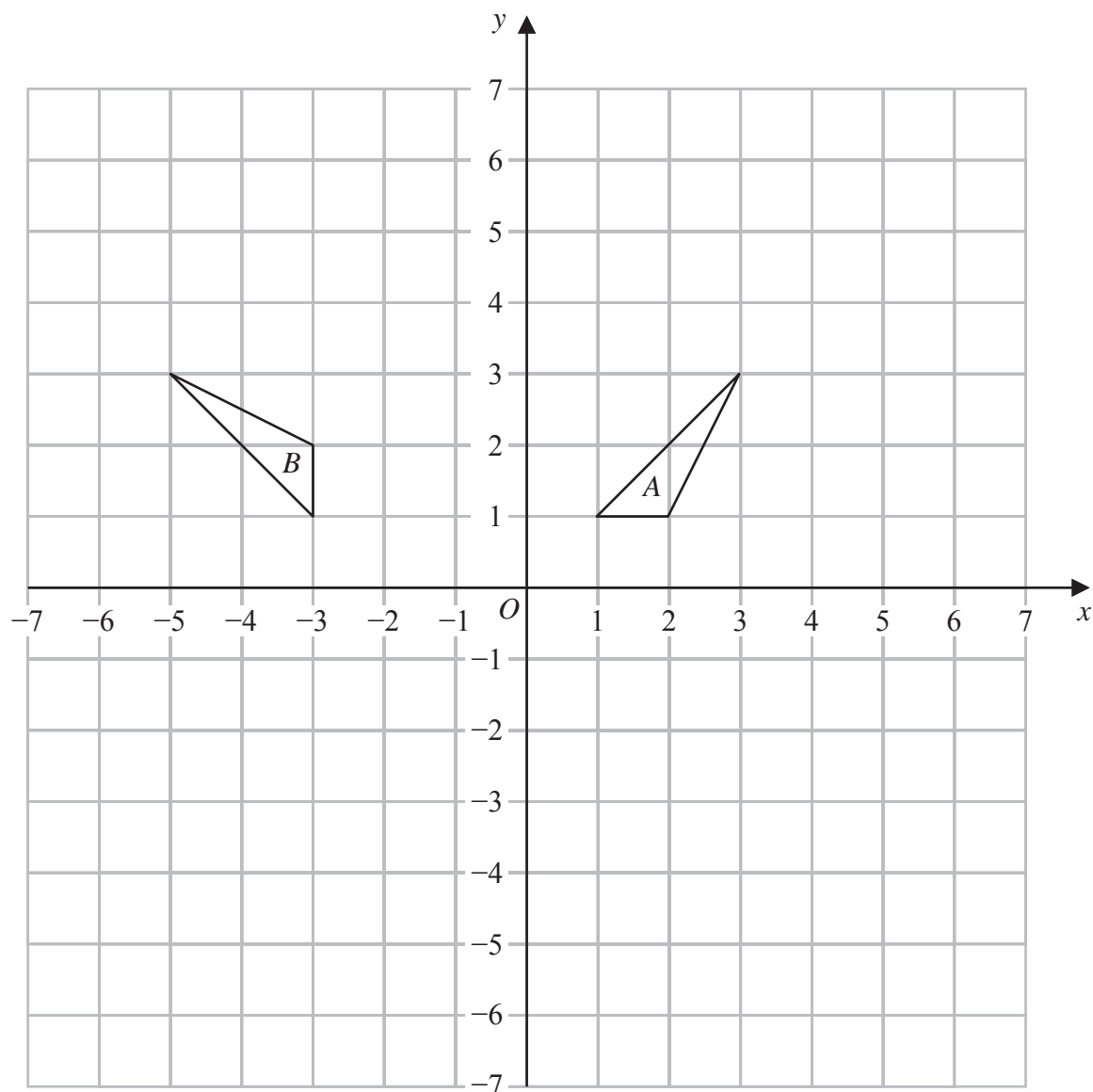
- Triangle A is transformed to triangle D by an enlargement with centre $(0, 3)$ and scale factor 2

- Triangle A is transformed to triangle E under the transformation with matrix \mathbf{M} where

$$\mathbf{M} = \begin{pmatrix} -2 & 1 \\ 0 & -2 \end{pmatrix}$$

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

Question 3 continued



Turn over for a spare grid if you need to redraw your triangles.



P 7 3 4 9 7 A 0 7 3 2

Question 3 continued

Handwriting practice area with 20 horizontal dotted lines.

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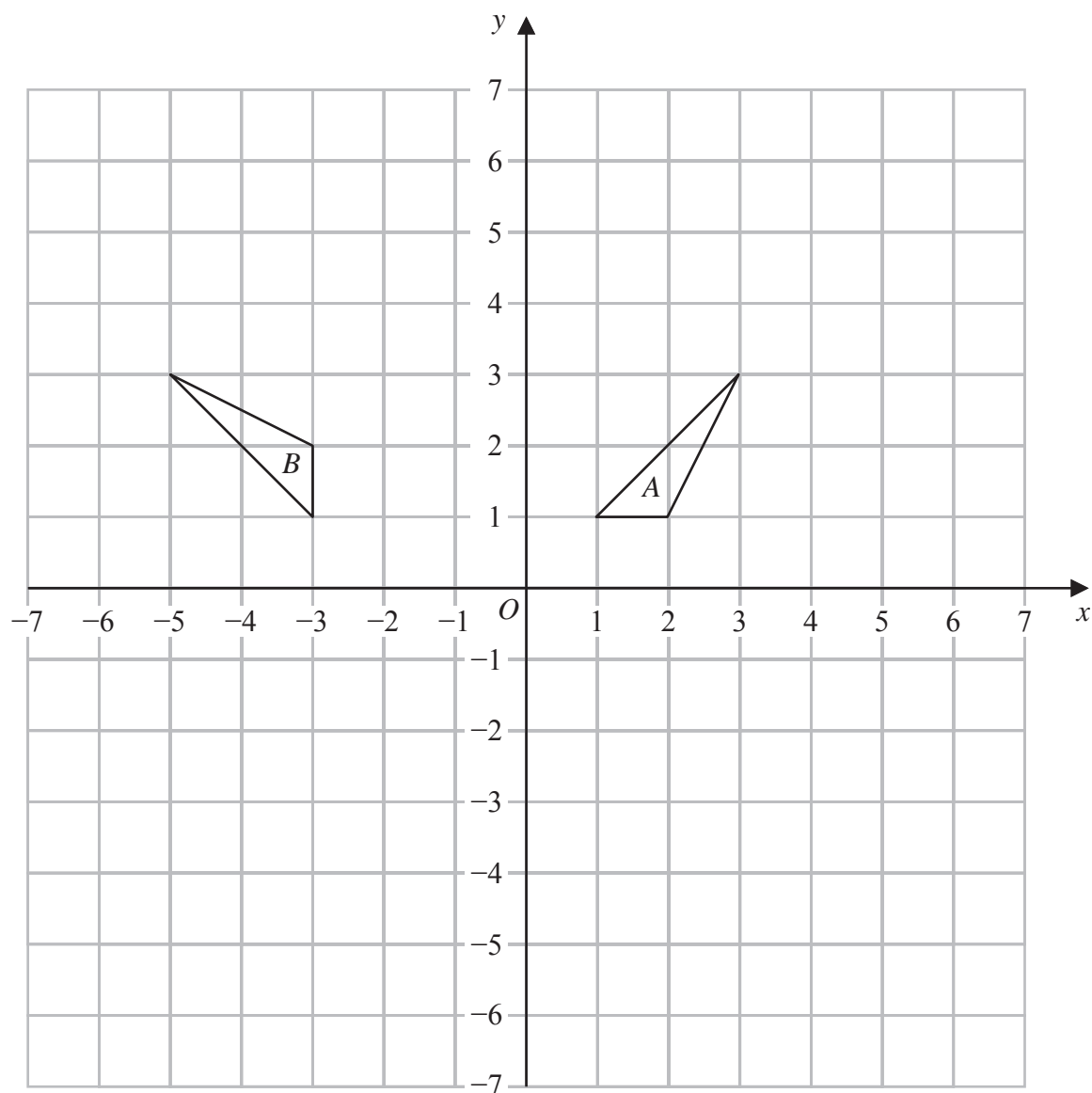
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Question 3 continued

Only use this grid if you need to redraw your triangles.



(Total for Question 3 is 10 marks)



P 7 3 4 9 7 A 0 9 3 2