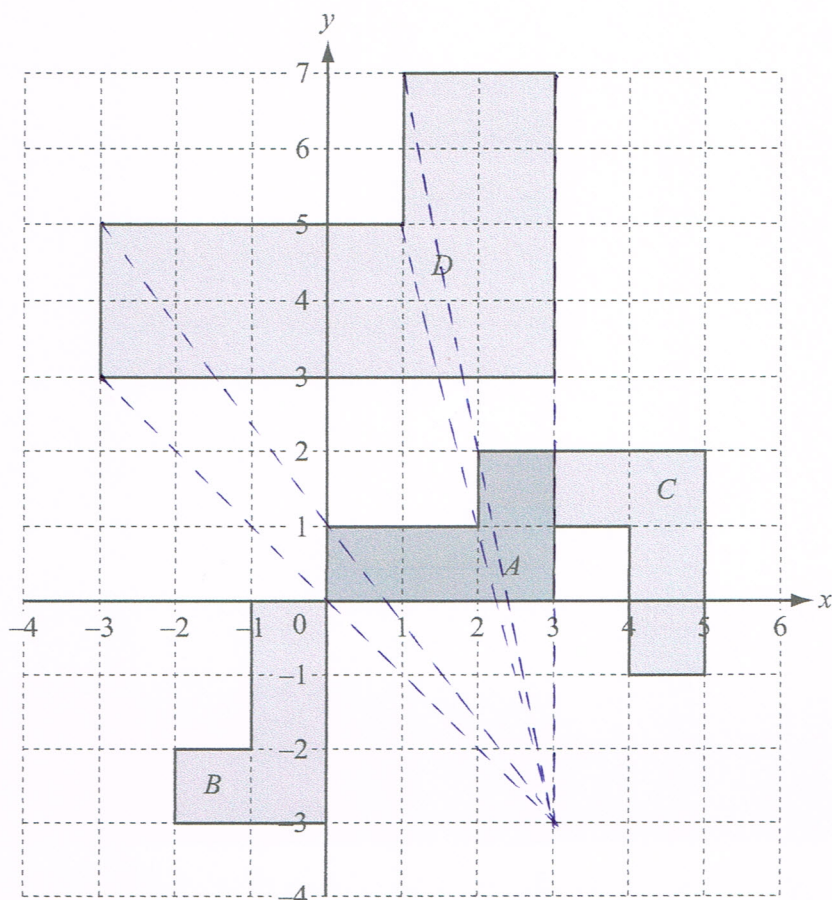


1 (a)



Four shapes, A , B , C and D , are shown on the grid.

Describe fully the **single** transformation that maps shape A onto

(i) shape B ,

Answer(a)(i) *Reflection by $y = -x$*

[2]

(ii) shape C ,

Answer(a)(ii) *Rotation centre $(3, 2)$ 90° anticlockwise*

[3]

(iii) shape D .

Answer(a)(iii) *Enlargement scale factor 2 centre $(3, -3)$*

[3]