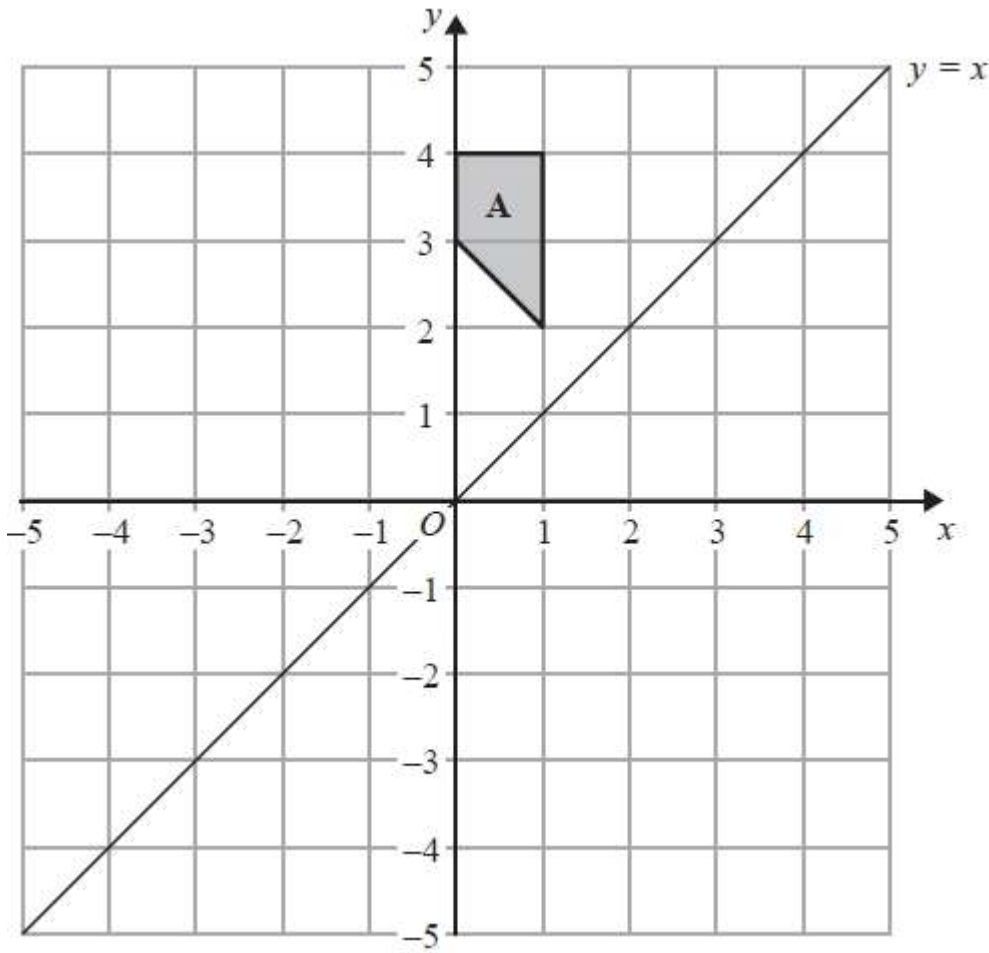


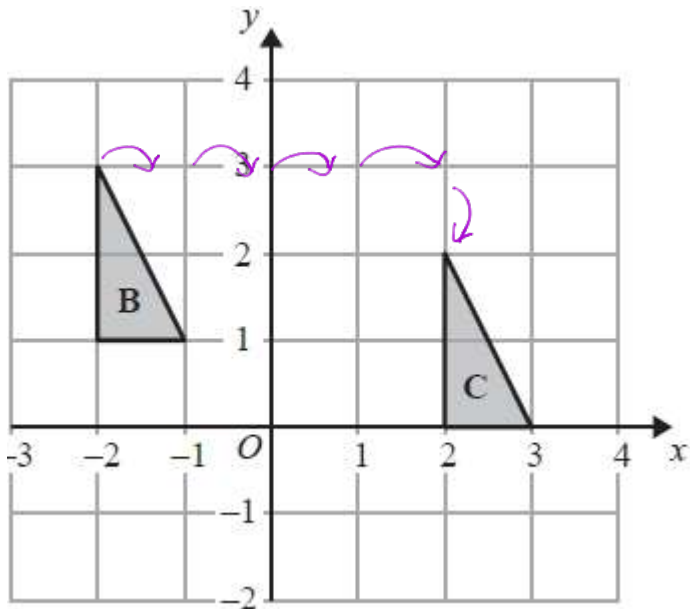
GCSE QUESTIONS WITH CLUES

Q1.



(a) On the grid, reflect shape A in the line y = x.

(2)

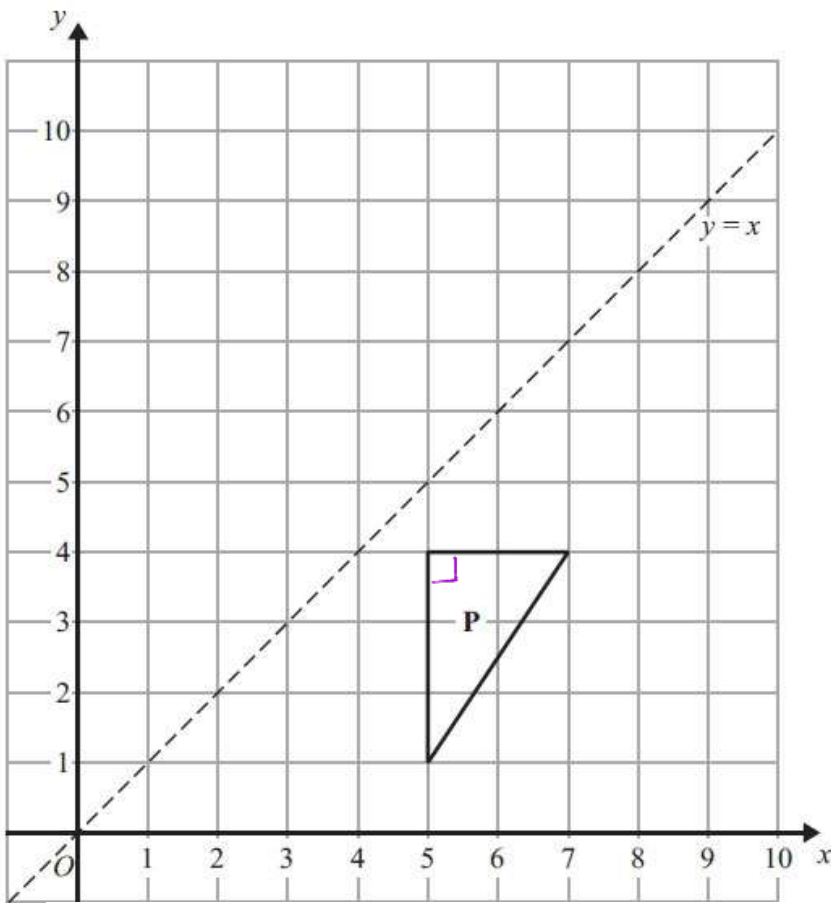


(b) Describe fully the single transformation that maps triangle B onto triangle C.

(2)
(Total for question = 4 marks)

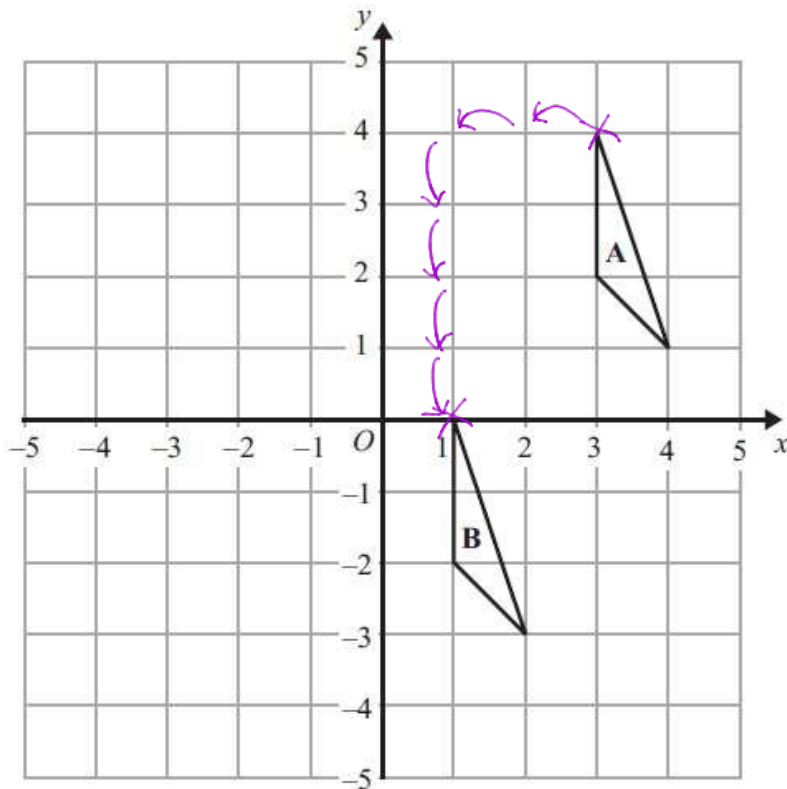
Q2.

(a)



Reflect shape **P** in the line $y = x$ (2)

(b)

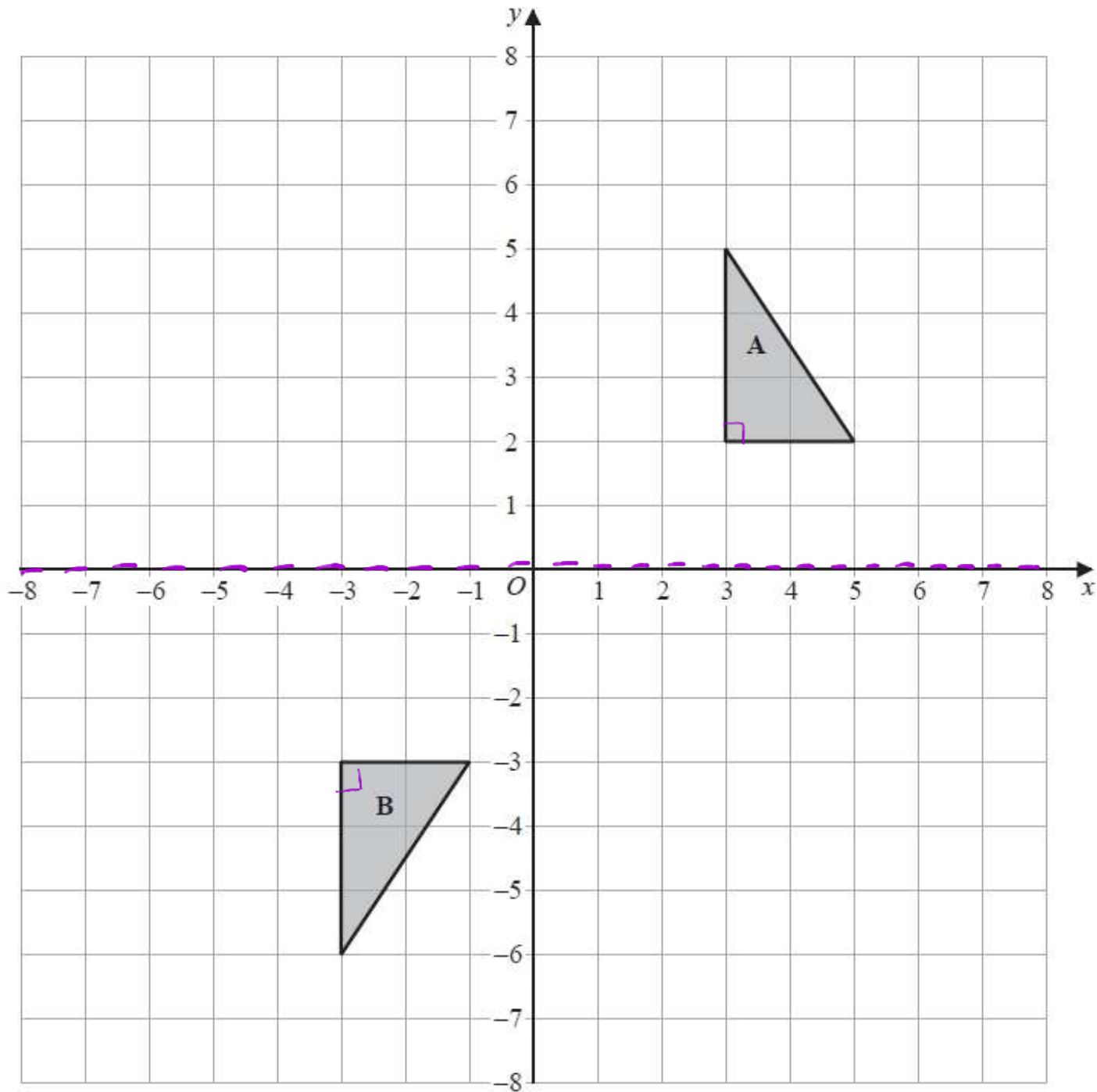


Describe fully the single transformation that maps triangle **A** onto triangle **B**.

(2)

(Total for Question is 4 marks)

Q3.



Shape **A** can be transformed to shape **B** by a reflection in the x -axis followed by a translation $\begin{pmatrix} c \\ d \end{pmatrix}$ $\begin{pmatrix} \rightarrow \\ \uparrow \end{pmatrix}$
 Find the value of c and the value of d .

$c =$
 $d =$

(Total for question = 3 marks)