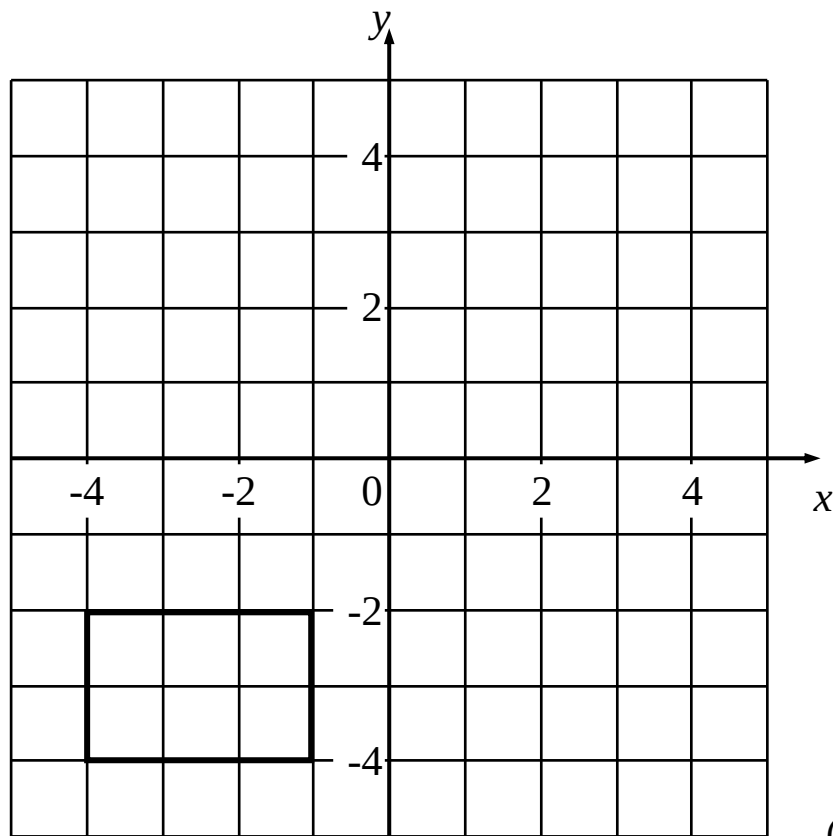


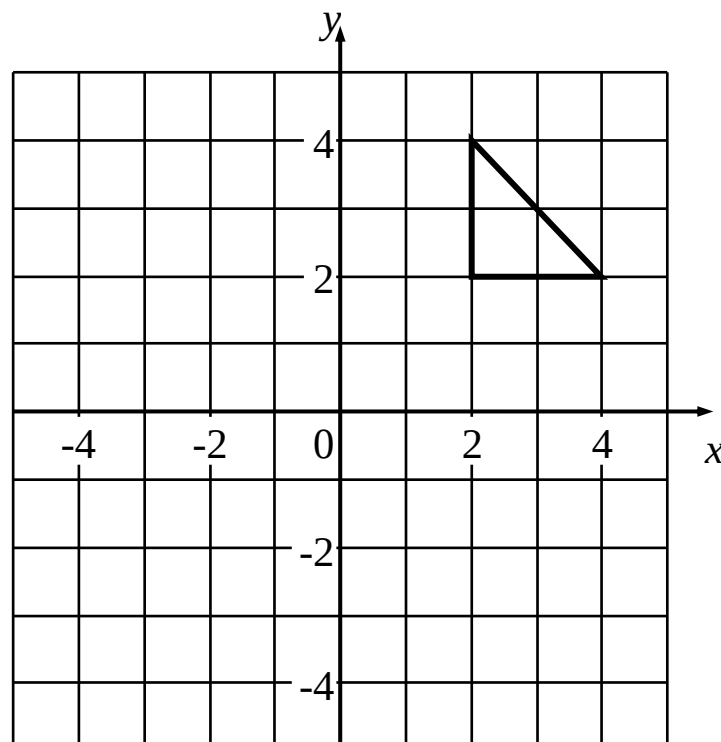
Translations

1. Translate the shape 4 right and 5 up.



(2 marks)

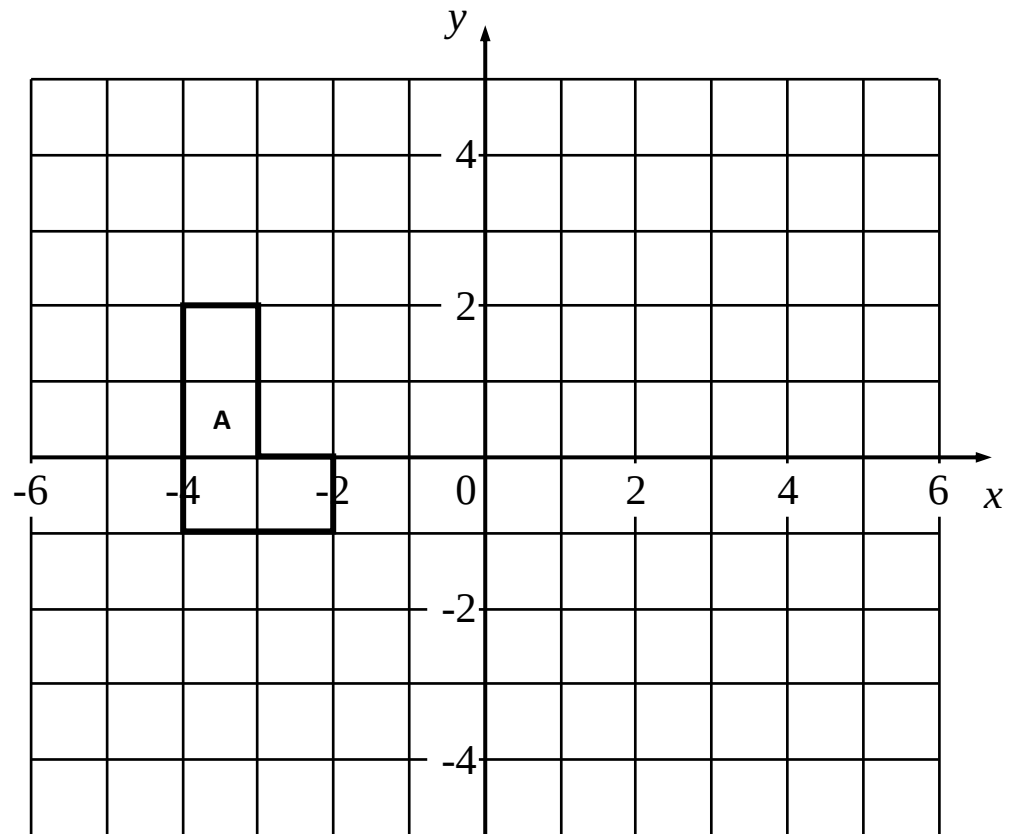
2. Translate the shape 5 to the left and 4 down



(2 marks)

Translations

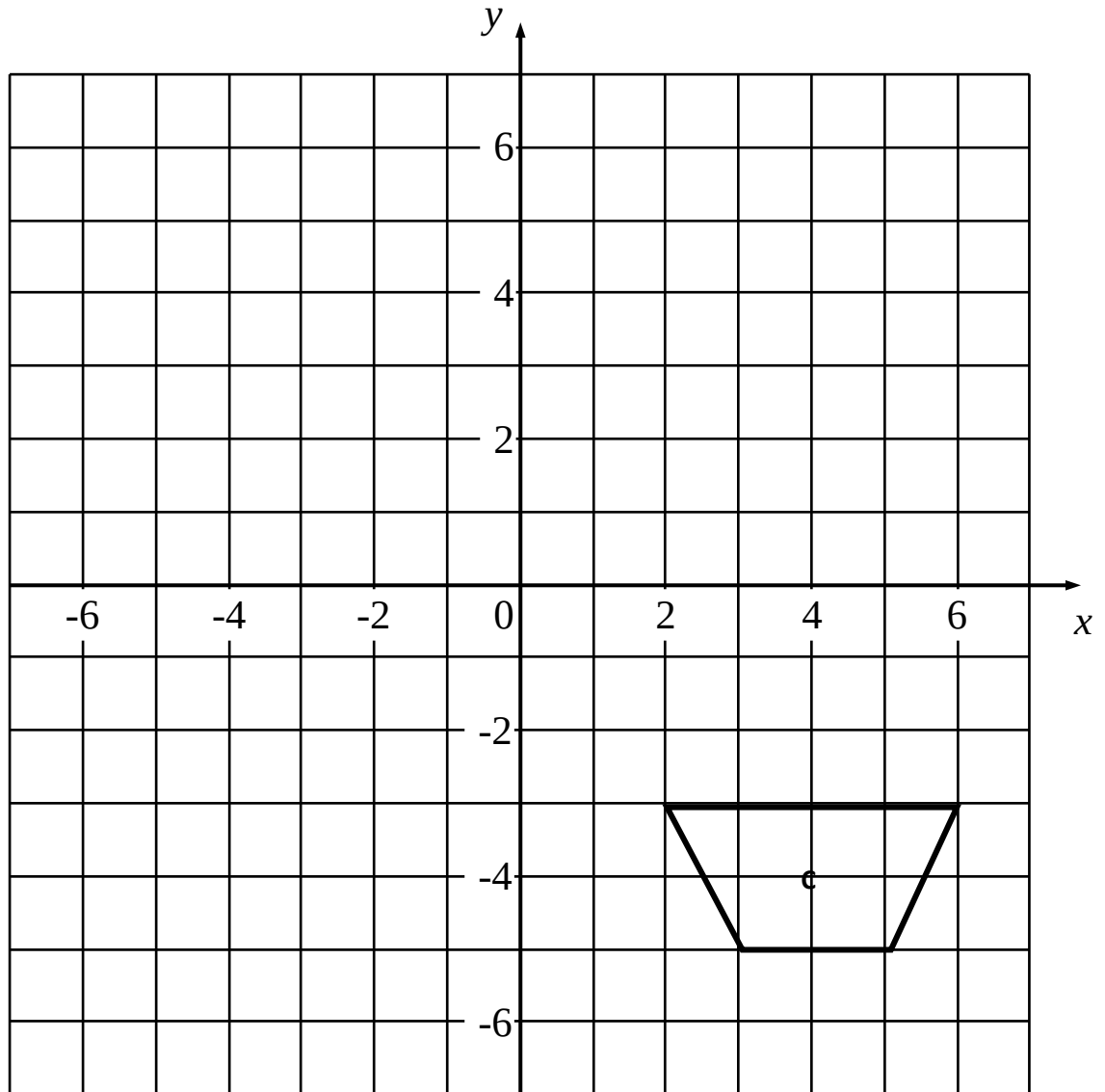
3. Translate A by $\begin{pmatrix} 3 \\ -2 \end{pmatrix}$
Label the new shape B



(2 marks)

Translations

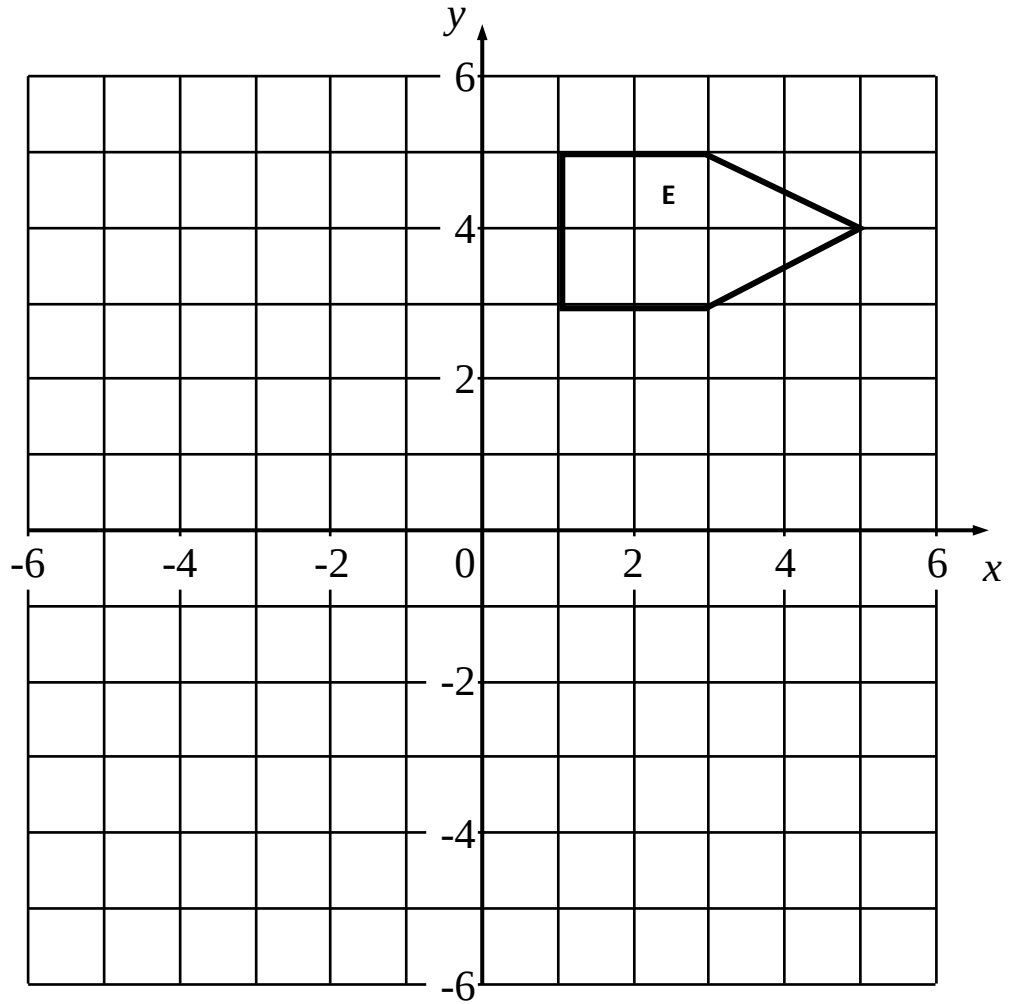
4. Translate C by $\begin{pmatrix} -7 \\ 4 \end{pmatrix}$
Label the new shape D



(2 marks)

Translations

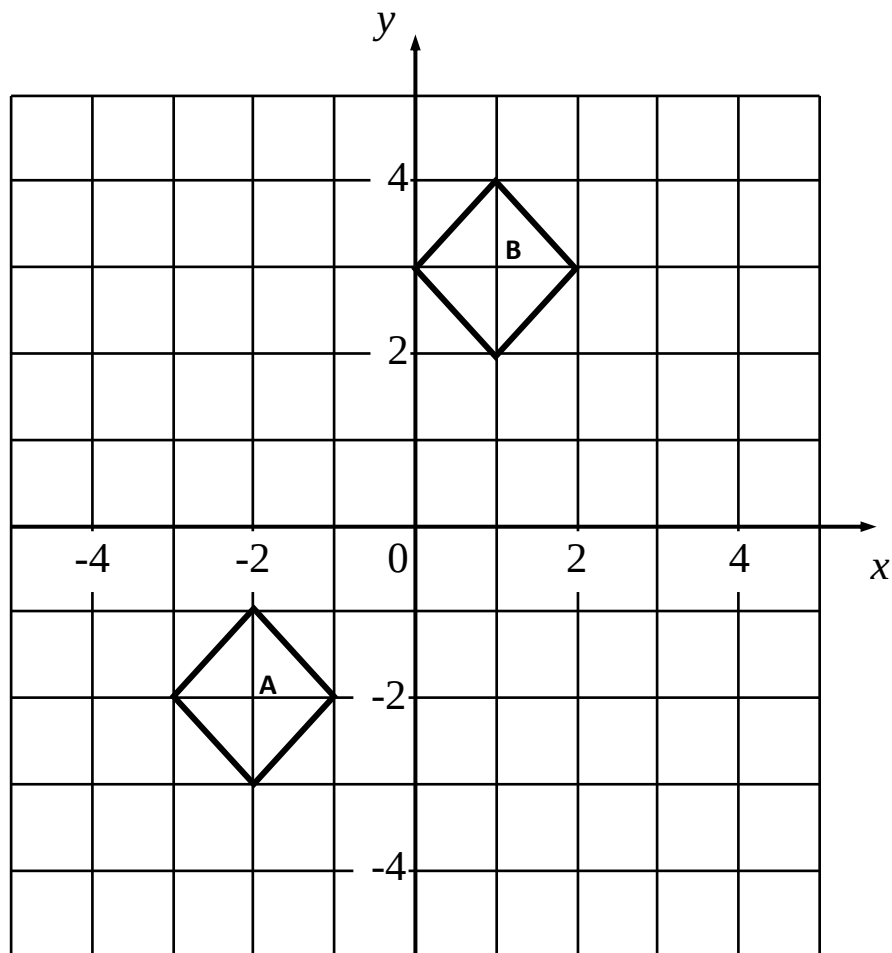
5. Translate shape E by $\begin{pmatrix} -5 \\ -6 \end{pmatrix}$
Label the shape F



(2 marks)

Translations

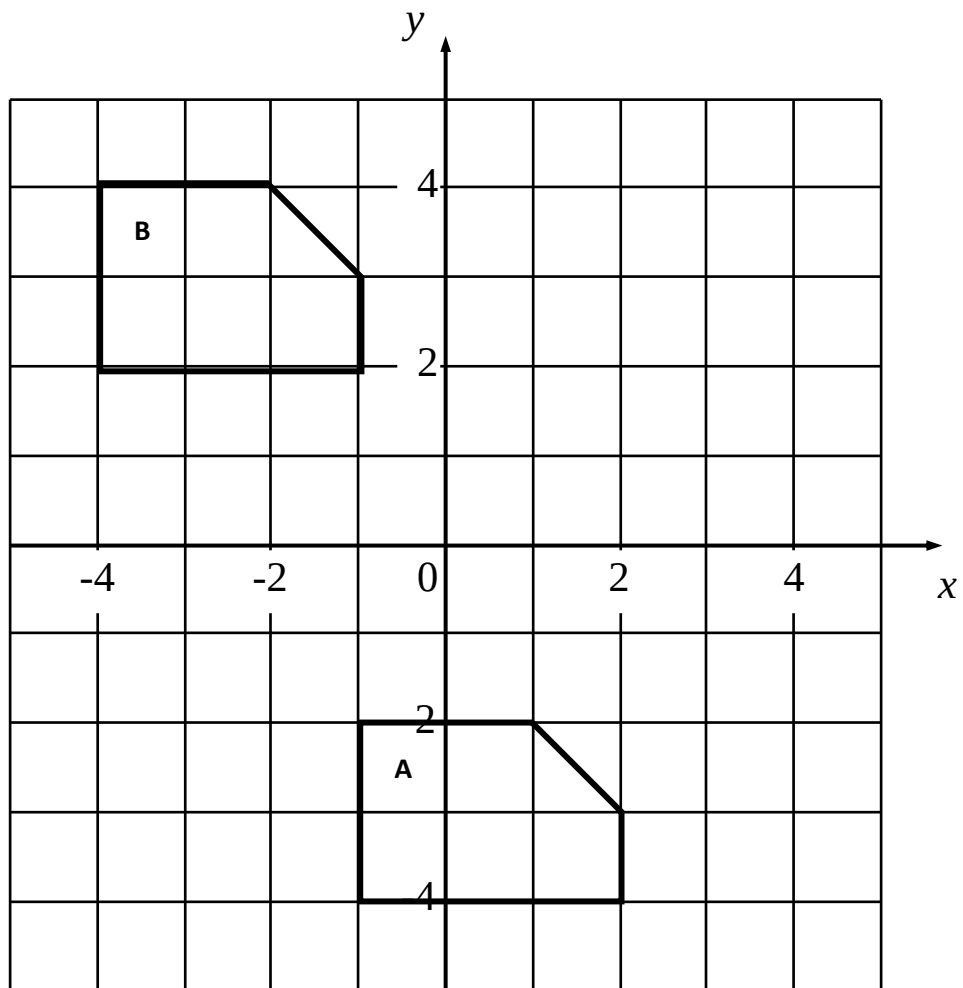
6. Shape A has been translated to shape B
What is the translation vector?



(2 marks)

Translations

7. Describe the translation of shape B to shape A



(2 marks)