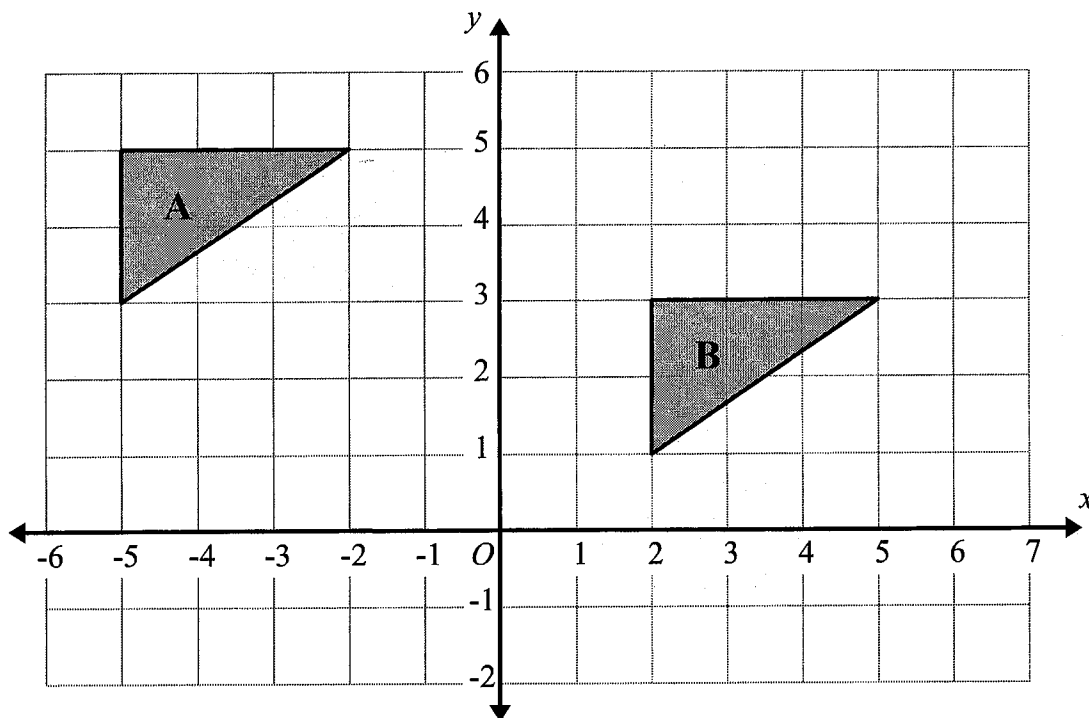


1

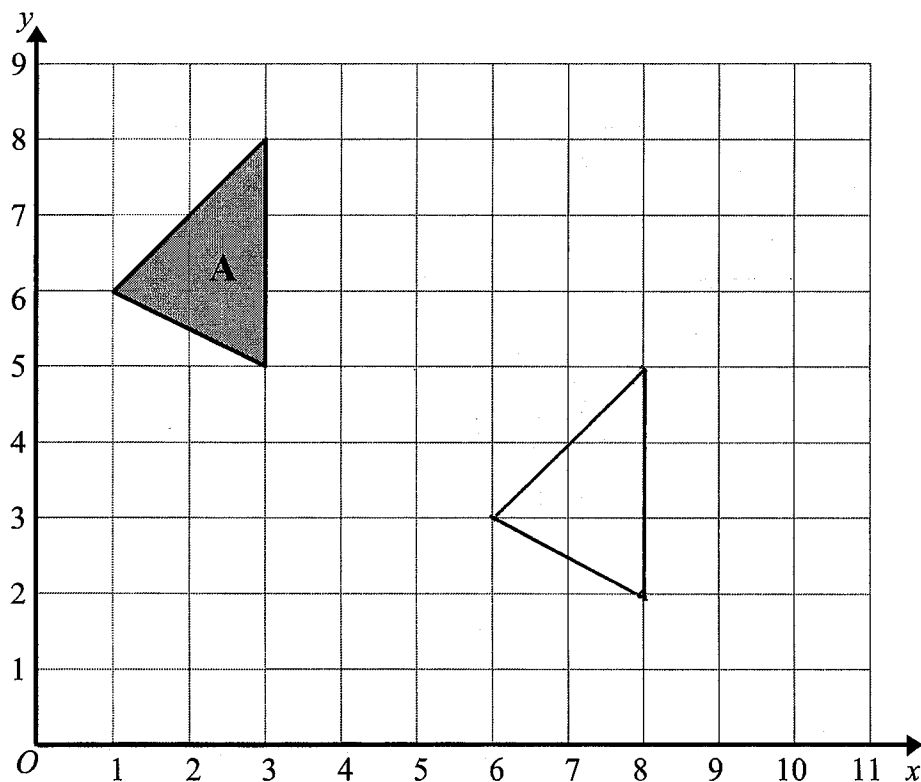


Describe fully the single transformation that maps triangle A on triangle B.

.....translation..... by the vector  $\begin{pmatrix} 7 \\ -2 \end{pmatrix}$ .....

(Total for question 1 is 2 marks)

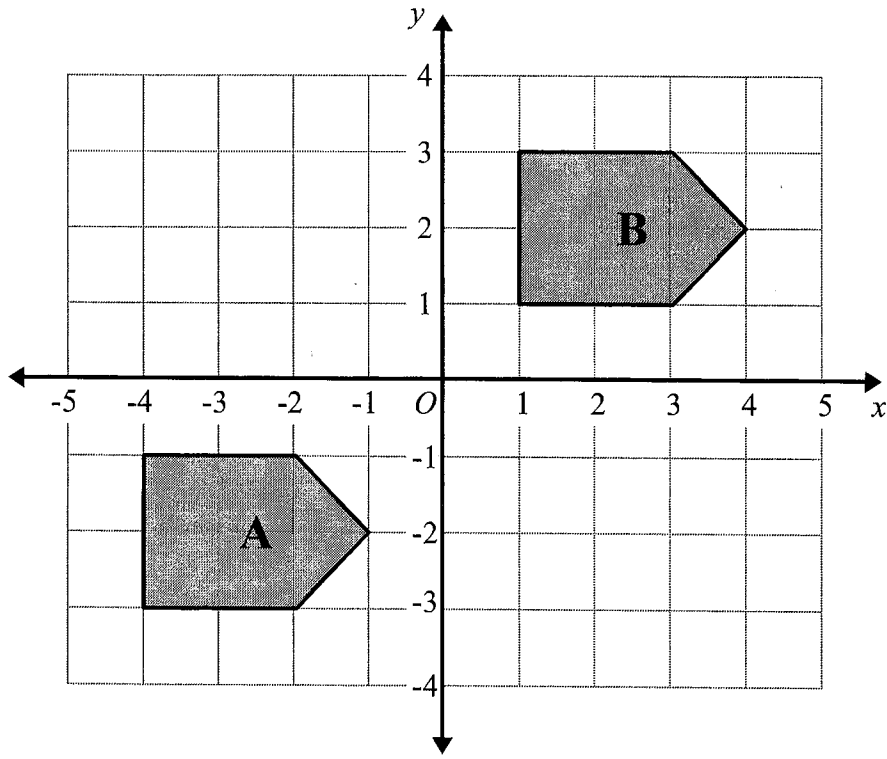
2



Translate triangle A by the vector  $\begin{pmatrix} 5 \\ -3 \end{pmatrix}$

(Total for question 2 is 2 marks)

3

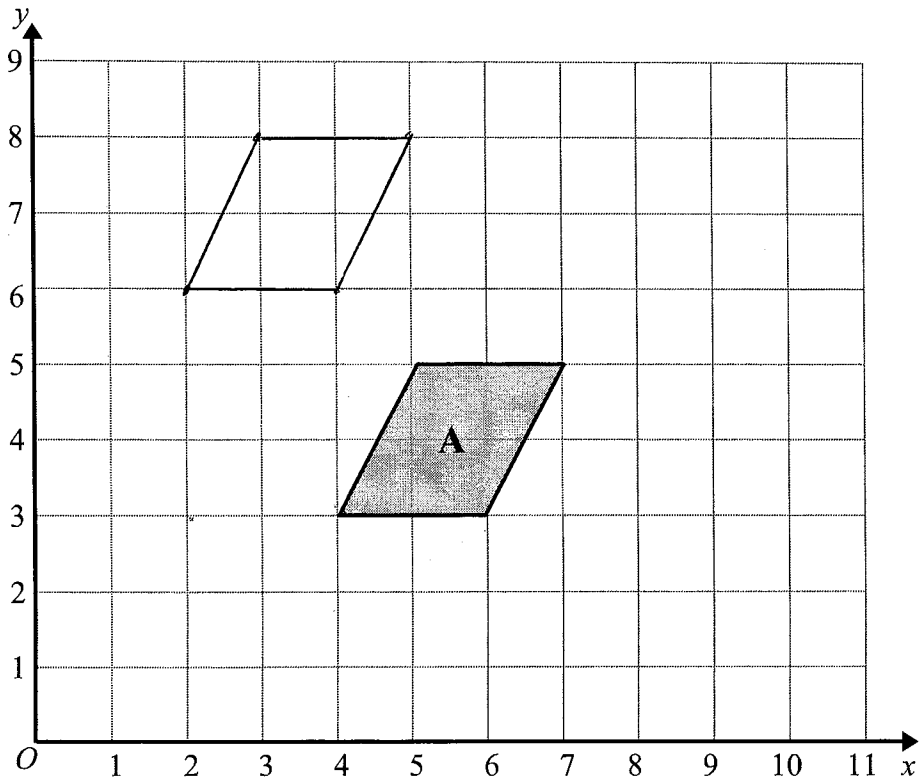


Describe fully the single transformation that maps shape A onto shape B.

translation by the vector  $\begin{pmatrix} 5 \\ 4 \end{pmatrix}$

(Total for question 3 is 2 marks)

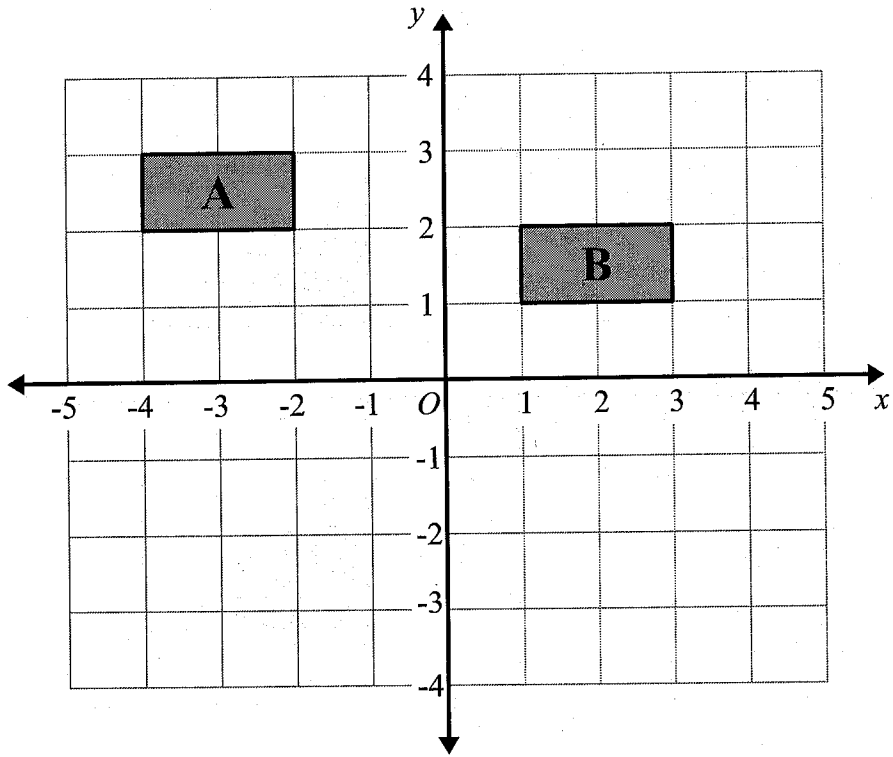
4



Translate shape A by the vector  $\begin{pmatrix} -2 \\ 3 \end{pmatrix}$

(Total for question 4 is 2 marks)

5

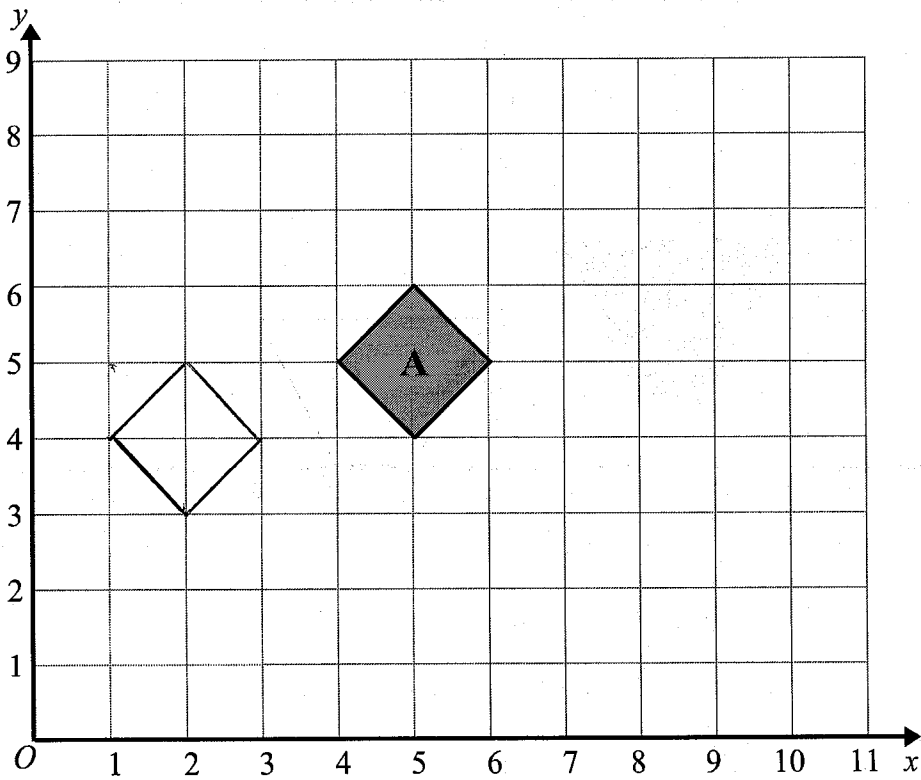


Describe fully the single transformation that maps shape A onto shape B.

*translation by the vector  $\begin{pmatrix} 5 \\ -1 \end{pmatrix}$*

(Total for question 5 is 2 marks)

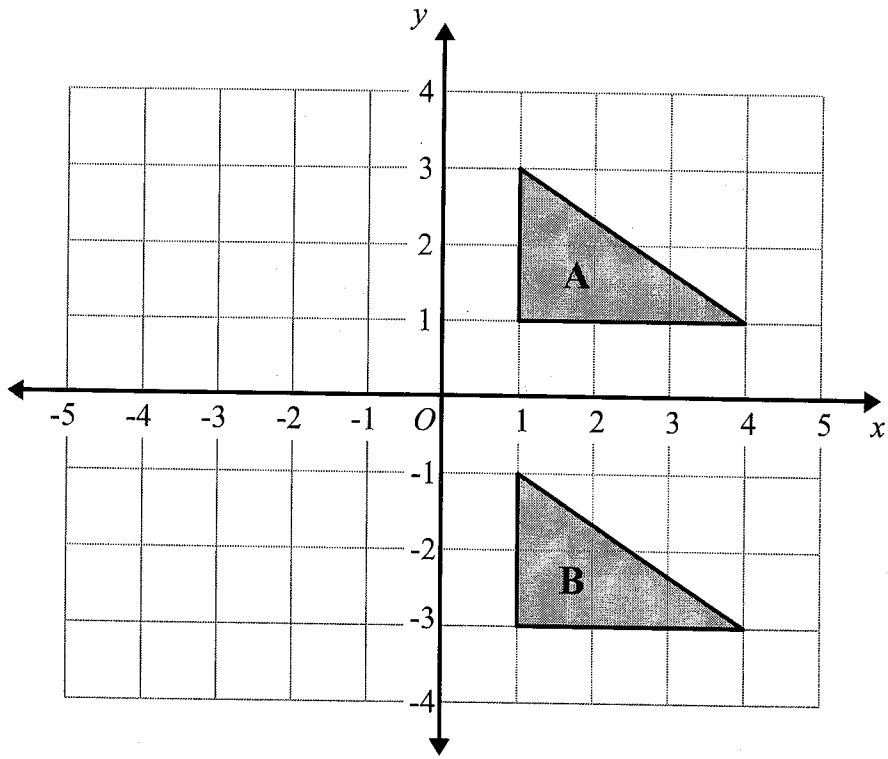
6



Translate shape A by the vector  $\begin{pmatrix} -3 \\ -1 \end{pmatrix}$

(Total for question 6 is 2 marks)

7

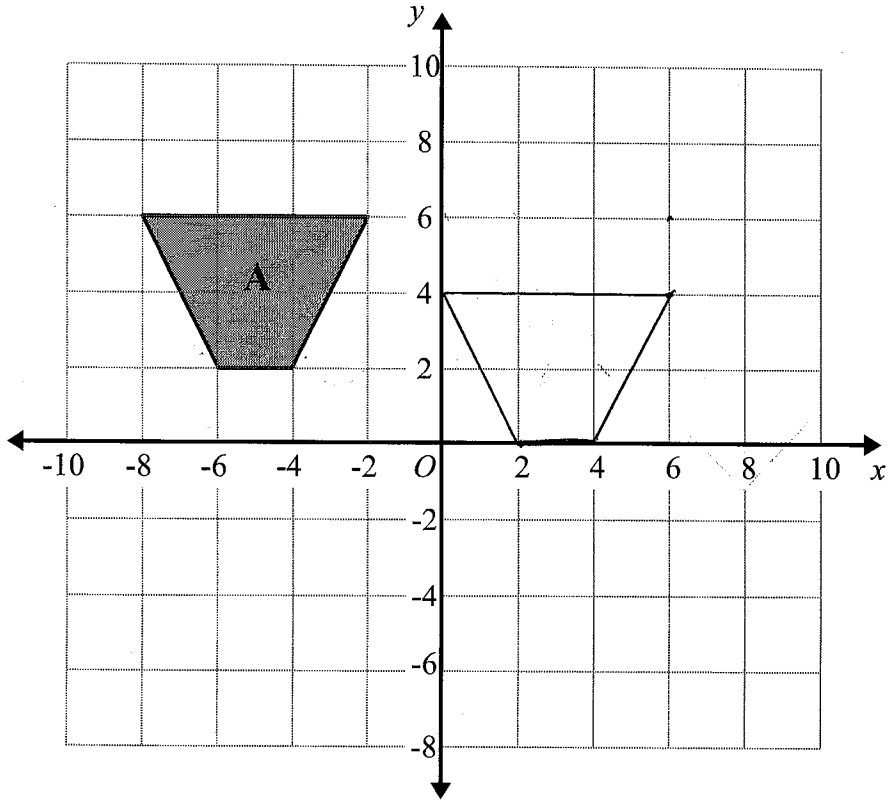


Describe fully the single transformation that maps triangle A on triangle B.

translation  $\begin{pmatrix} 0 \\ -4 \end{pmatrix}$   
by the vector

(Total for question 7 is 2 marks)

8



Translate shape A by the vector  $\begin{pmatrix} 8 \\ -2 \end{pmatrix}$

(Total for question 8 is 2 marks)