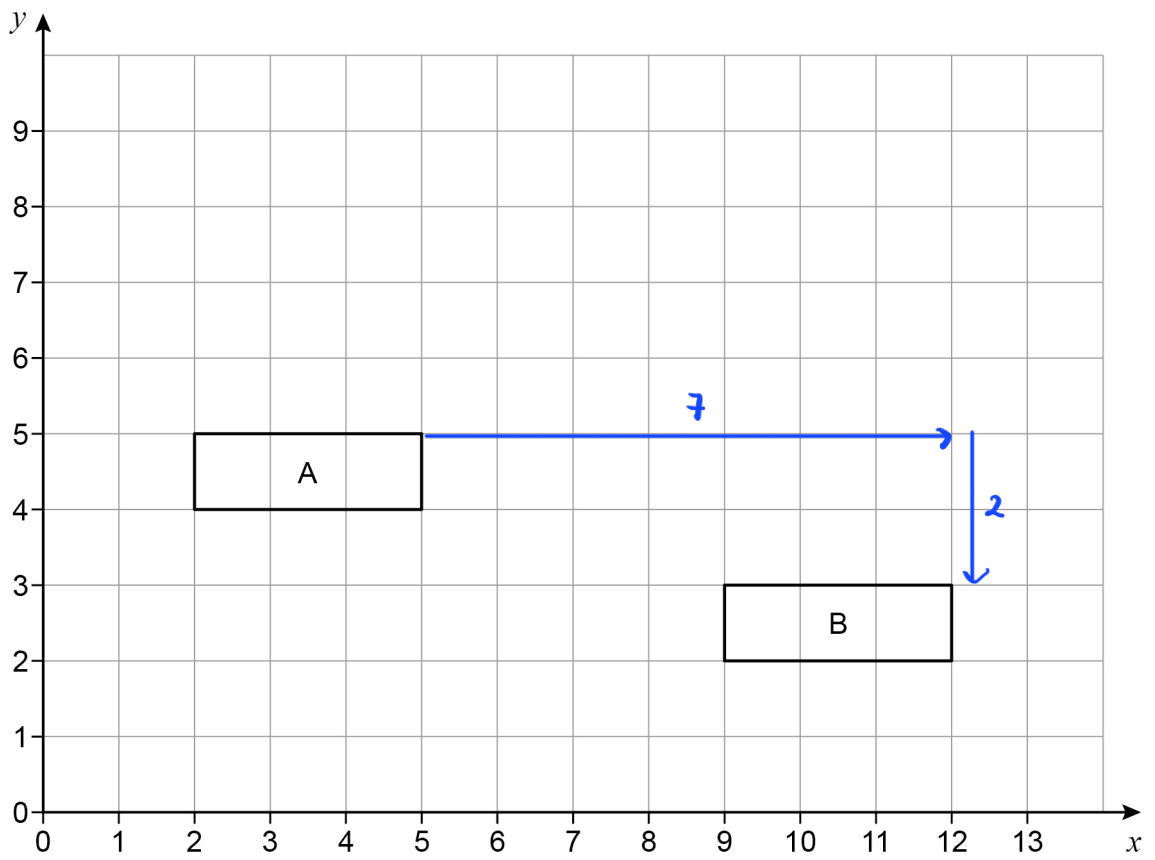


1



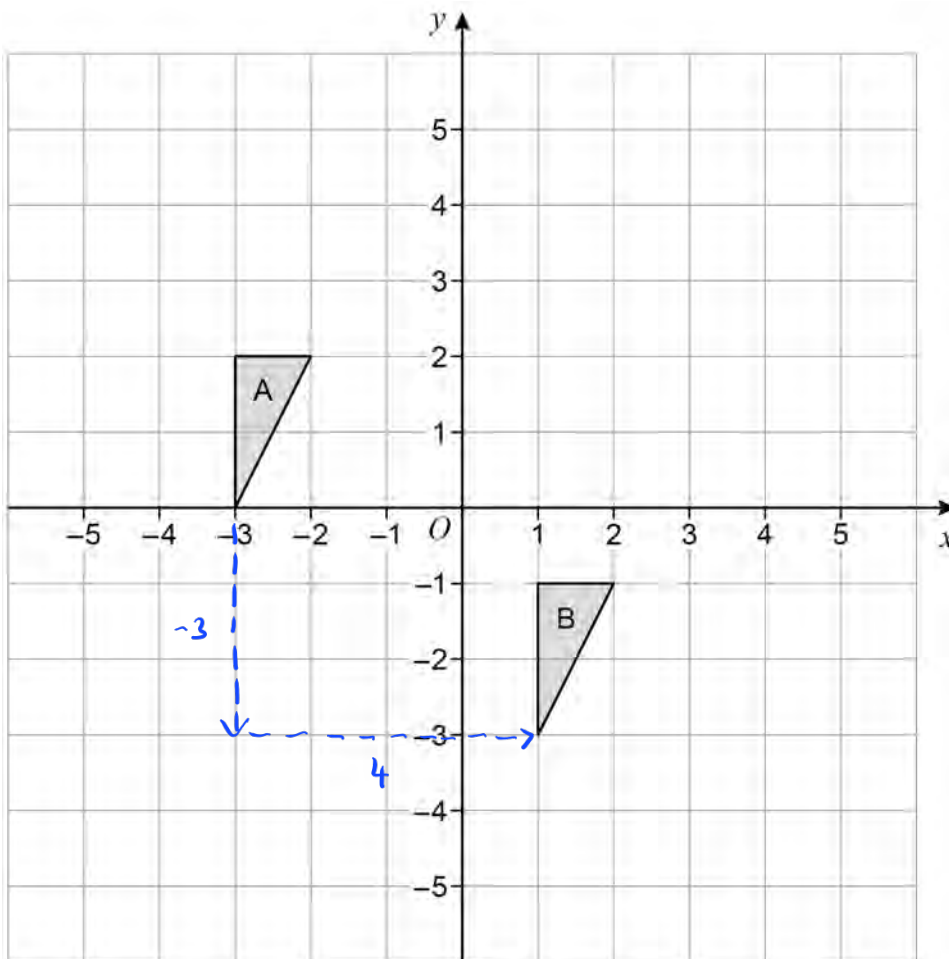
Work out the vector that translates shape A to shape B.

[2 marks]

Answer $\begin{pmatrix} 7 \\ -2 \end{pmatrix}$ ②

2

Write down the translation vector that maps shape A onto shape B.

[2 marks]

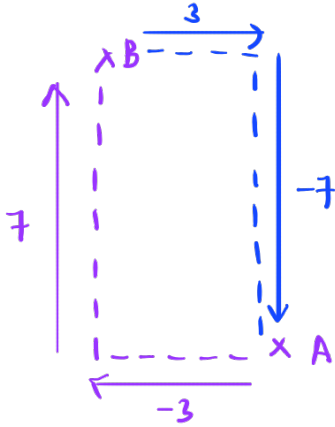
Answer $\begin{pmatrix} 4 \\ -3 \end{pmatrix}$ $\textcircled{2}$

3

The vector $\begin{pmatrix} -3 \\ 7 \end{pmatrix}$ translates A to B.

Write down the vector that translates B to A.

[1 mark]



Answer $\begin{pmatrix} 3 \\ -7 \end{pmatrix}$ ✓ ①