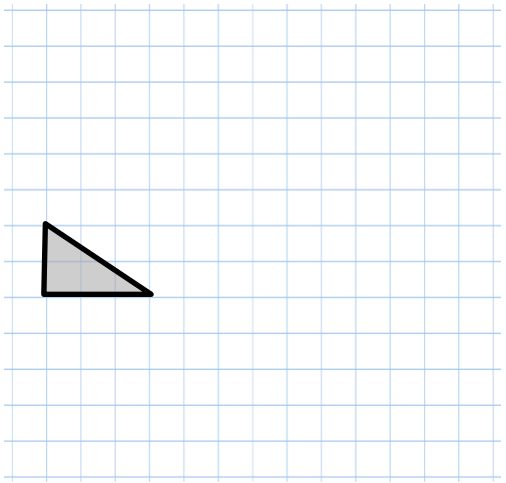
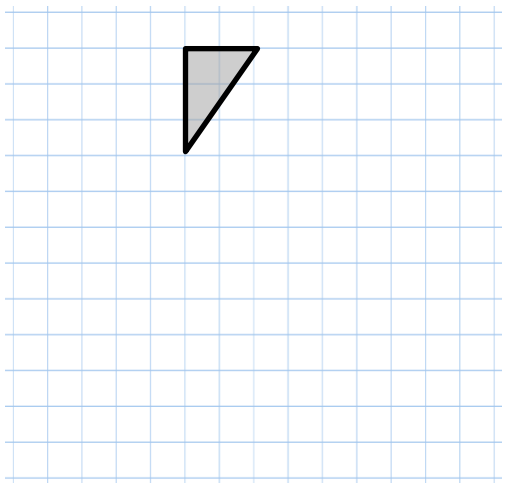
1)



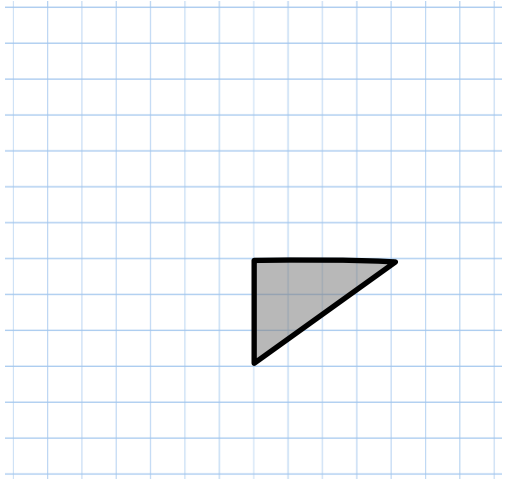
Translate the shape by vector $\begin{pmatrix} 5 \\ 2 \end{pmatrix}$

2)



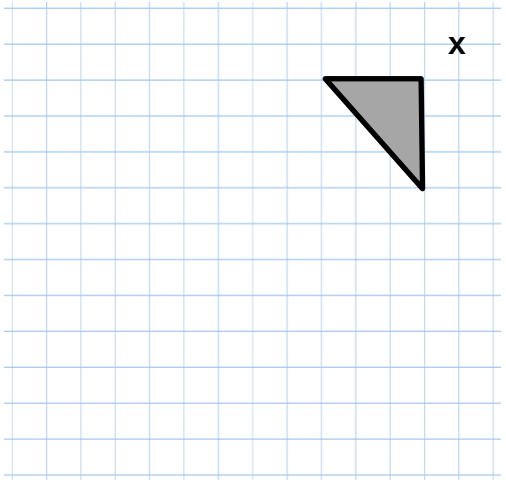
Translate the shape by vector $\begin{pmatrix} 4 \\ -7 \end{pmatrix}$

3)



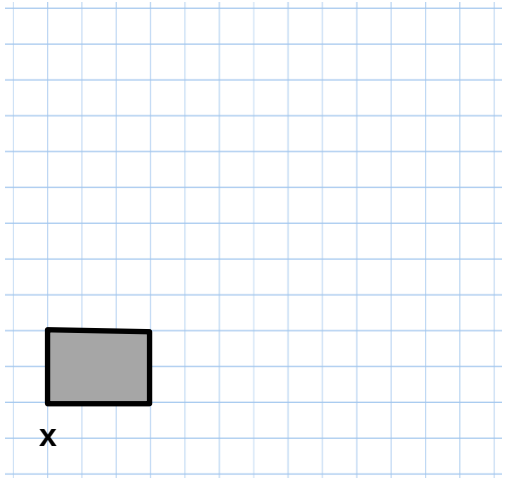
Translate the shape by vector $\begin{pmatrix} -3 \\ 2 \end{pmatrix}$

4)



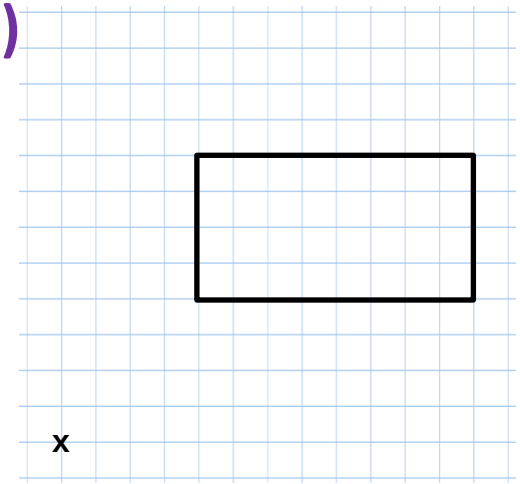
Enlarge this shape by scale factor 3 from the centre of enlargement.

5)



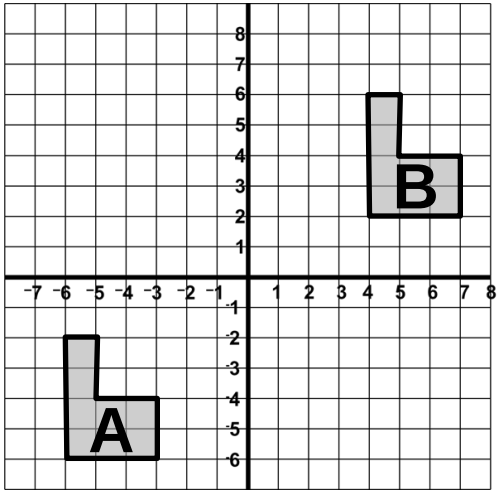
Enlarge this shape by scale factor 4 from the centre of enlargement.

6)



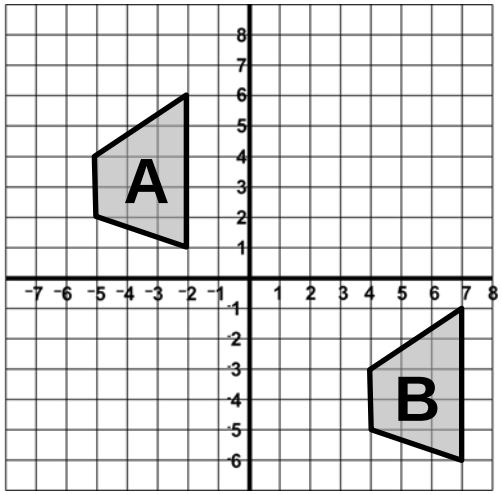
Enlarge this shape by scale factor $\frac{1}{4}$ from the centre of enlargement.

1)



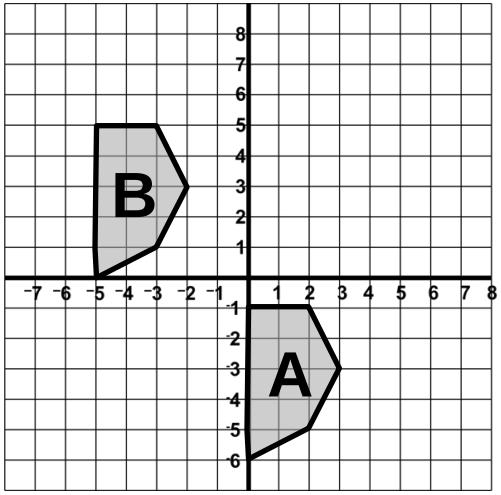
Describe the transformation fully that takes shape A to shape B.

2)



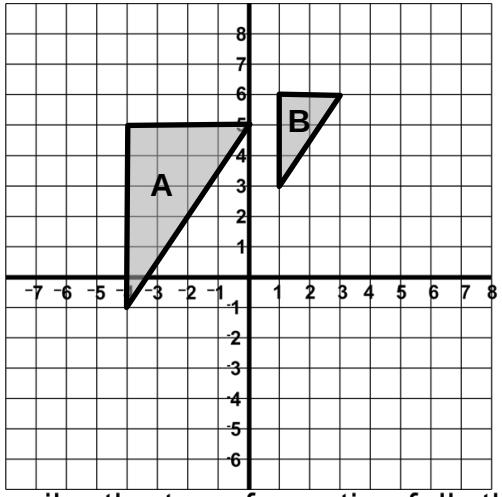
Describe the transformation fully that takes shape A to shape B.

3)



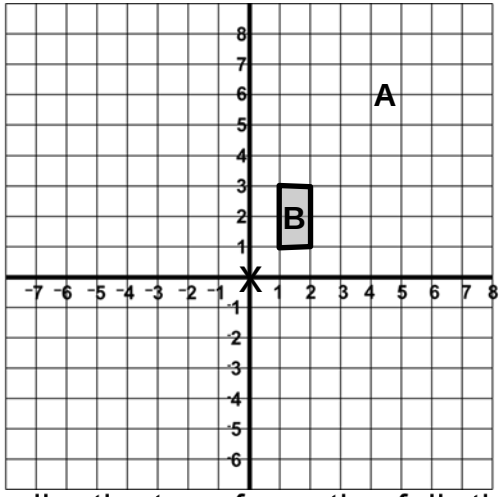
Describe the transformation fully that takes shape A to shape B.

4)



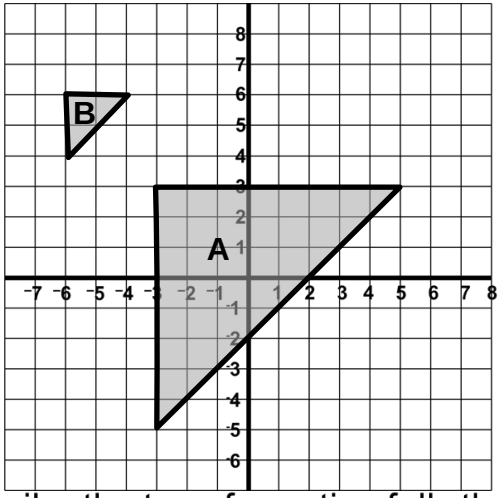
Describe the transformation fully that takes shape A to shape B.

5)



Describe the transformation fully that takes shape A to shape B.

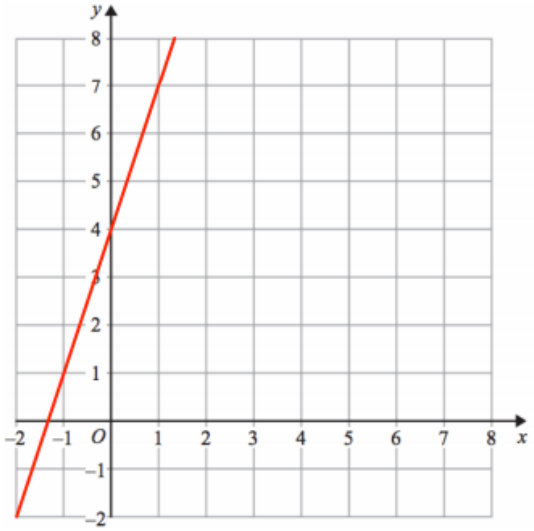
6)



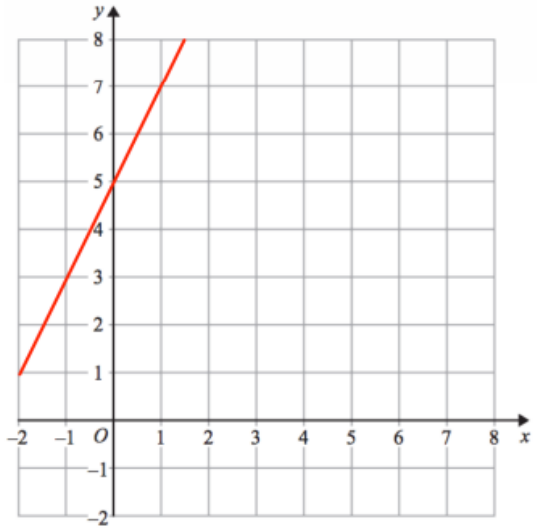
Describe the transformation fully that takes shape A to shape B.

Find the equation of the lines in the form y=mx+c:

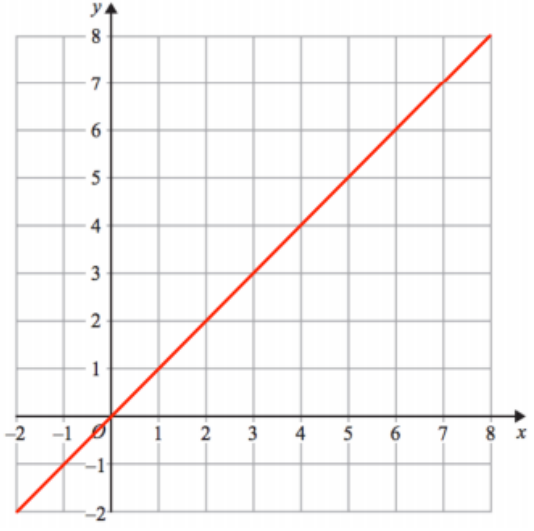
(a)



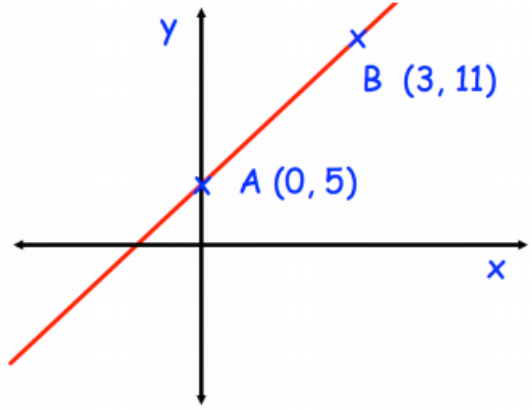
(b)



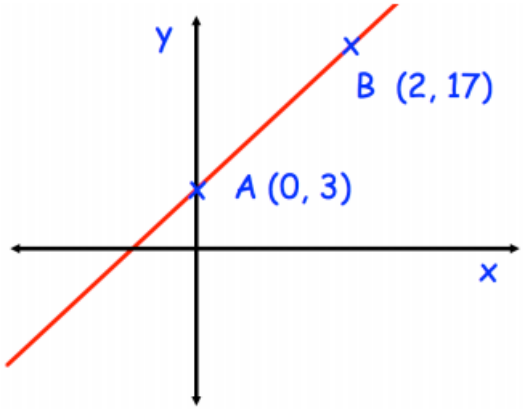
(c)



(a)



(b)



(c)