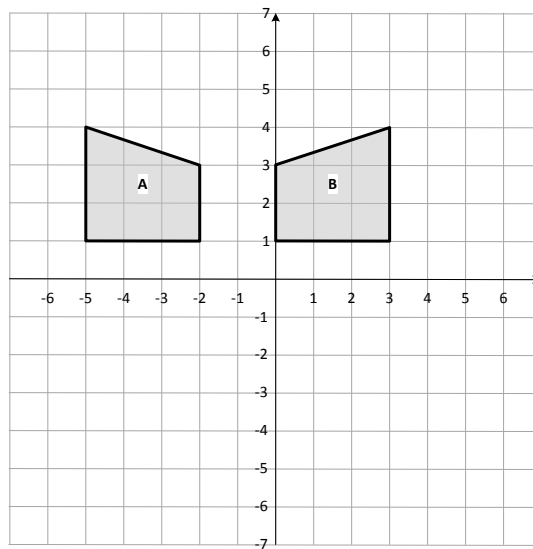


DIRT Marking Assessment

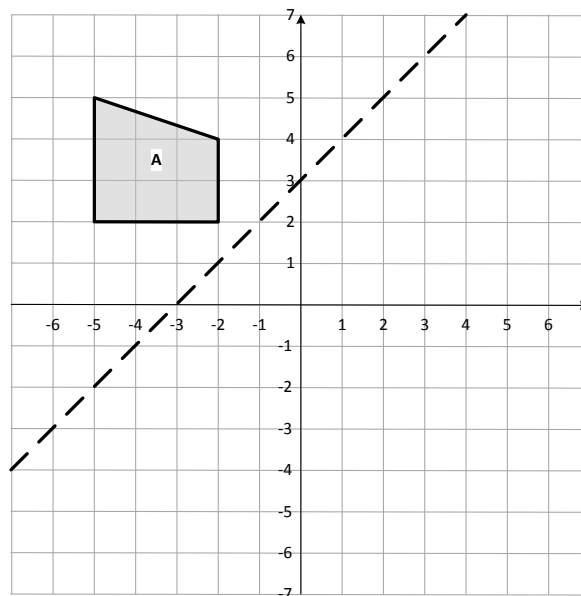
1



On the diagram, draw the mirror line in which shape A has been mapped to shape B.

Write a full description of this transformation: _____

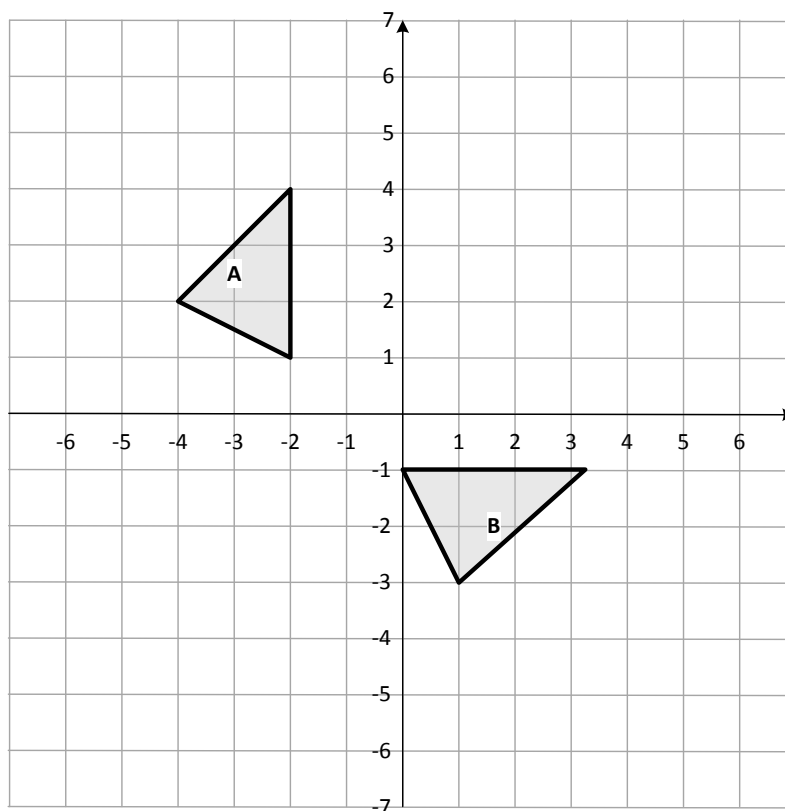
2



The dashed line above is a mirror. Draw the reflection of the object A.

Write a full description of this transformation: _____

3

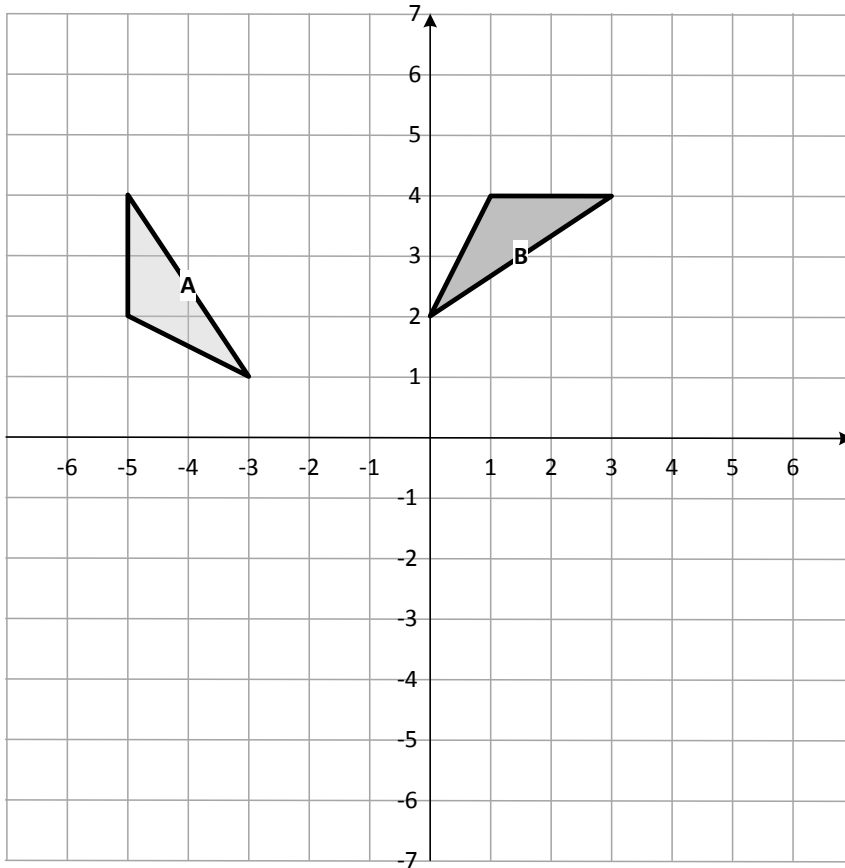


Draw the mirror line that maps shape A to shape B.

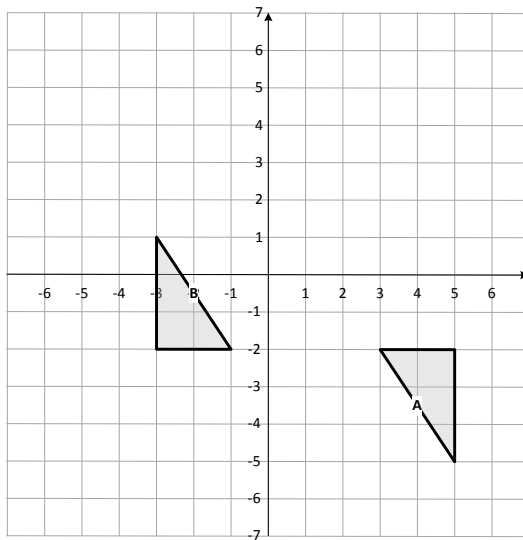
Write a full description of this transformation: _____

4.

Write a full description of the transformation that appears below or on the next page:



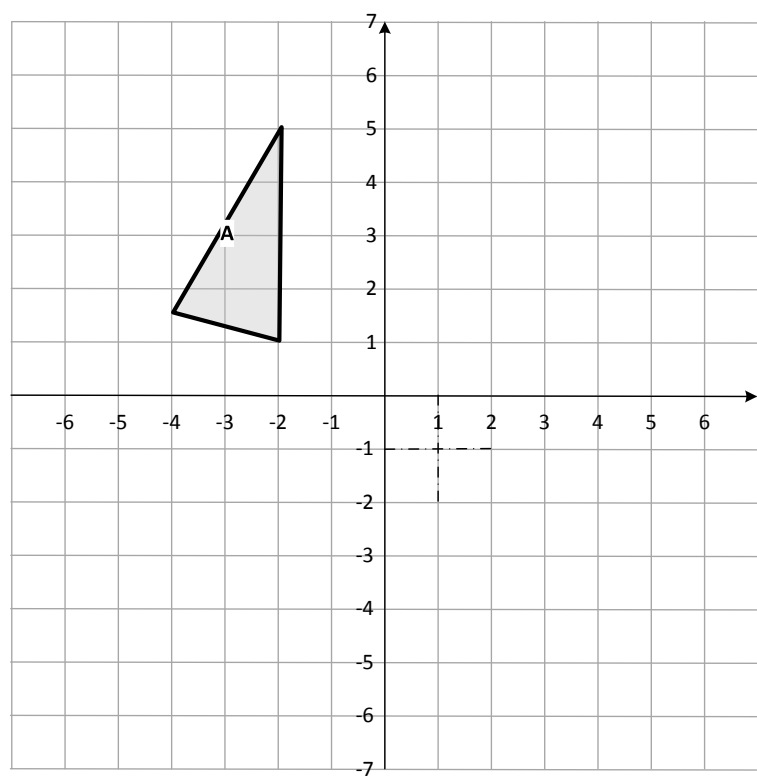
5.



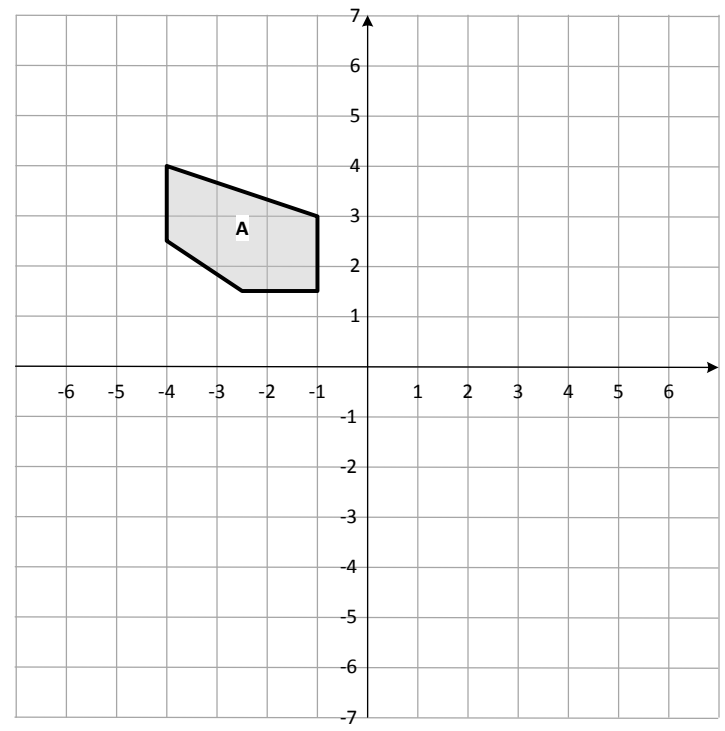
5.

Write a full description of the transformation that appears above or on the previous page:

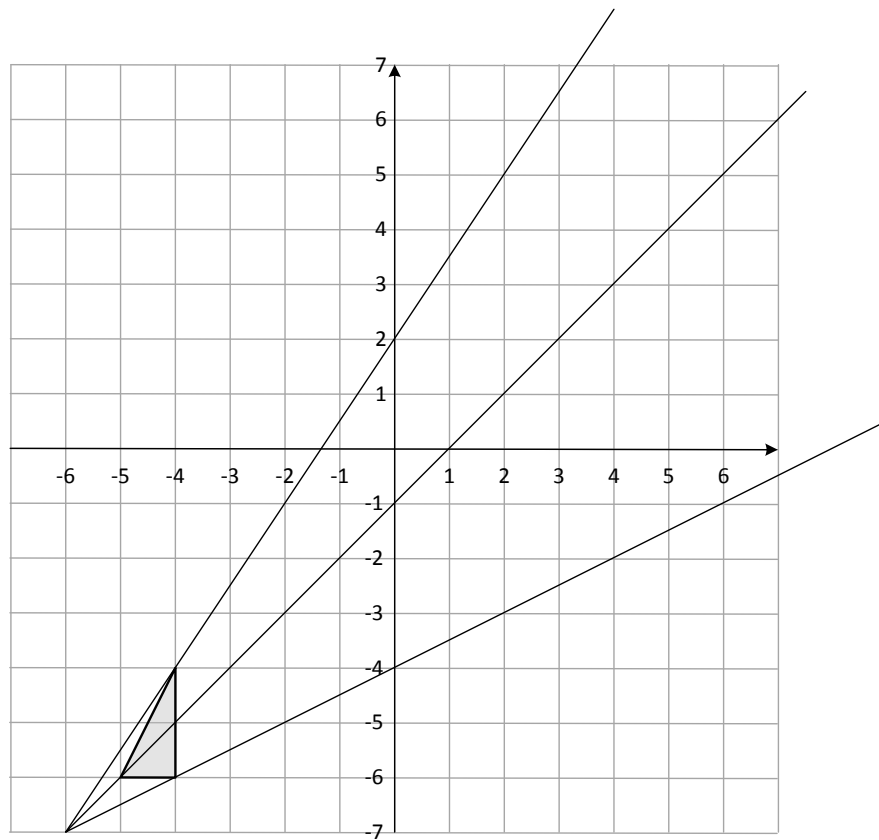
6. Rotate the shape around the centre of rotation at (1, -1) by 90 degrees clockwise.



7. Rotate the shape by 180 degrees counter-clockwise about the centre of rotation (0, 1)



8 Enlarge the shape below from the centre of enlargement at $(-6,-7)$ so that the shape grows in width by a factor of three.



9 Describe this transformation fully.

