

# TRANSFORMATIONS: Rotation

Date:

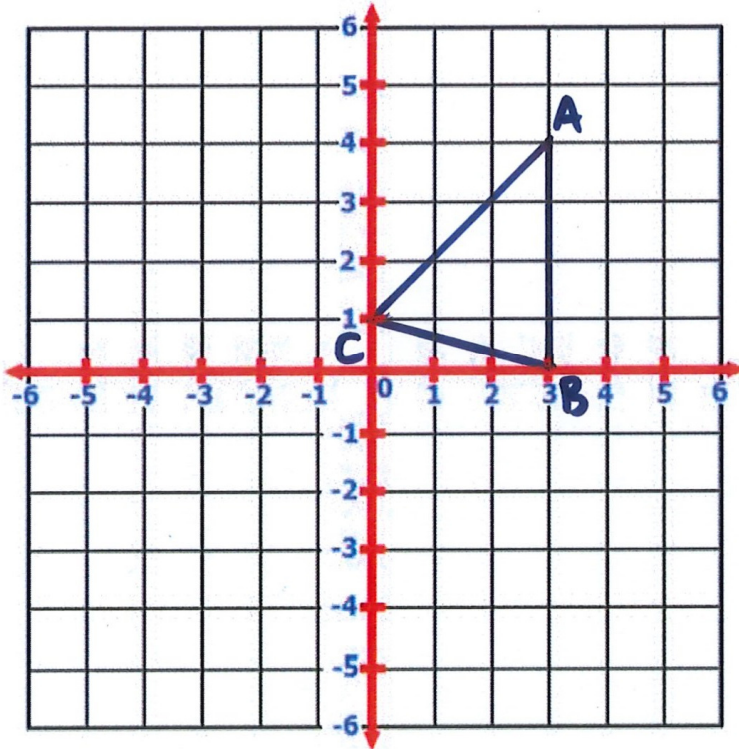
Name:

Rotate each shape as indicated

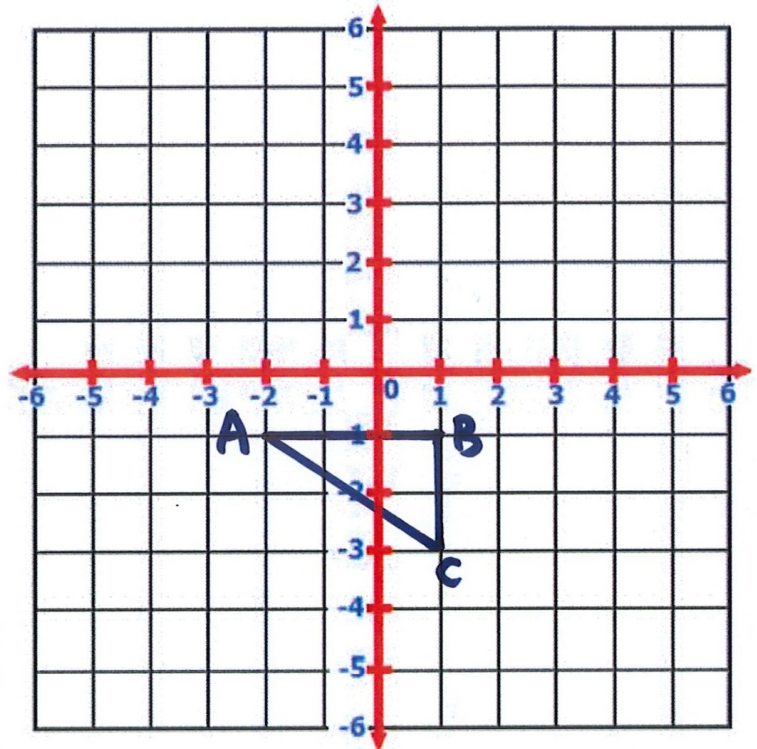
Label each image.

<http://www.learnersgrid.com>

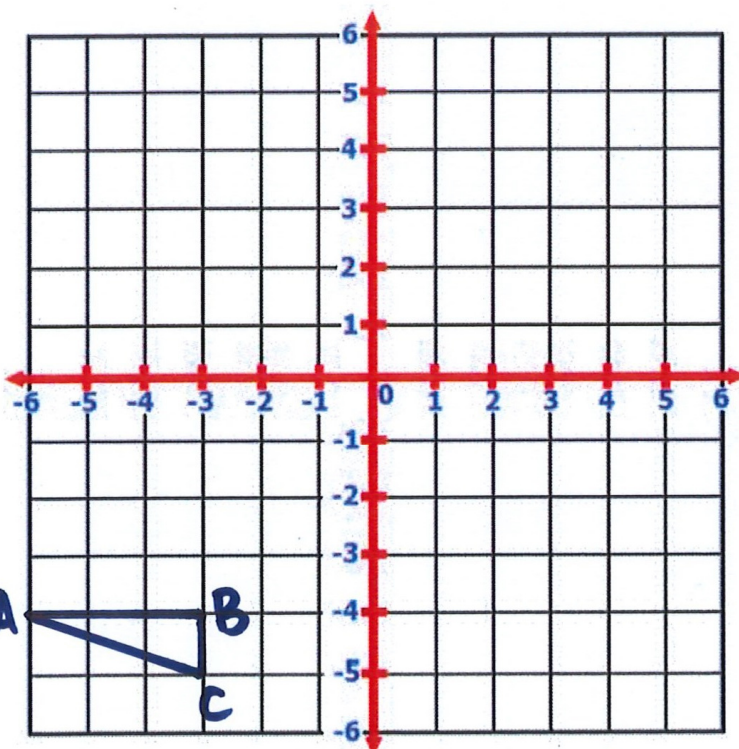
[1] Rotate the shape  $180^\circ$  about  $(2,1)$ . Label the image.



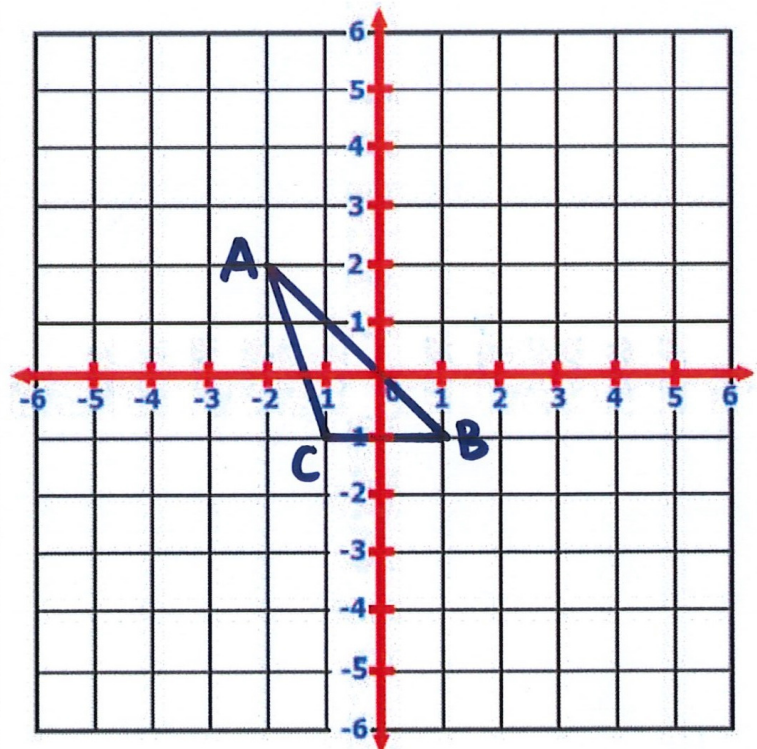
[2] Rotate the shape  $180^\circ$  about  $(-2,1)$ . Label the image.



[3] Rotate the shape  $180^\circ$  about  $(-2,-2)$ . Label the image.



[4] Rotate the shape  $180^\circ$  about  $(2,-2)$ . Label the image.





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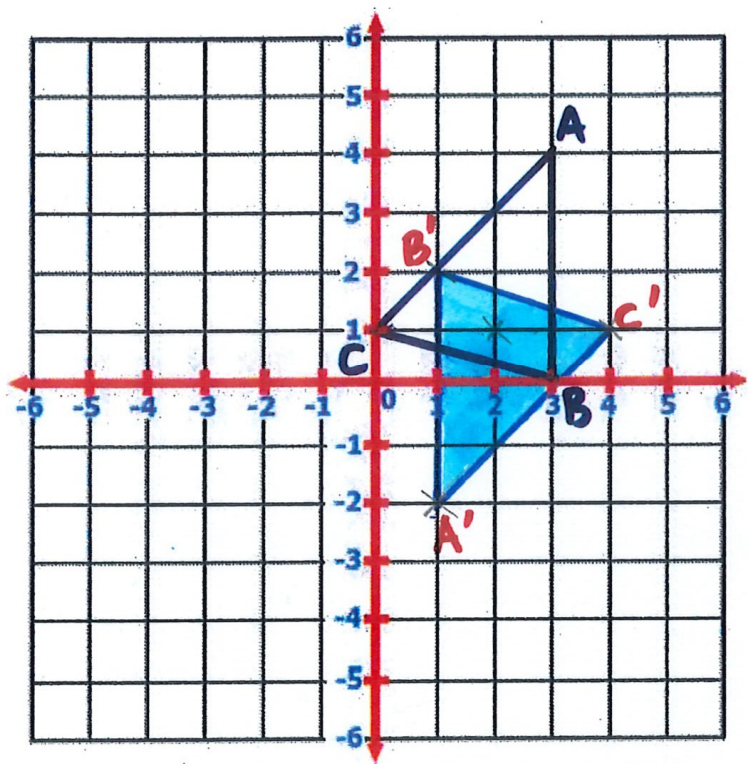
Rotate each shape as indicated

Label each image.

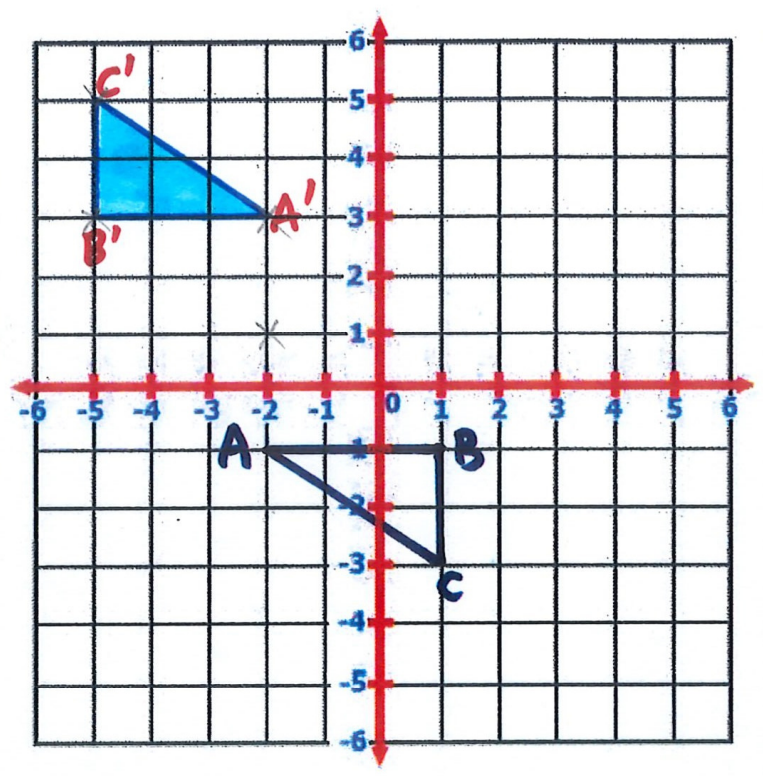
<http://www.learnersgrid.com>

## SOLUTIONS

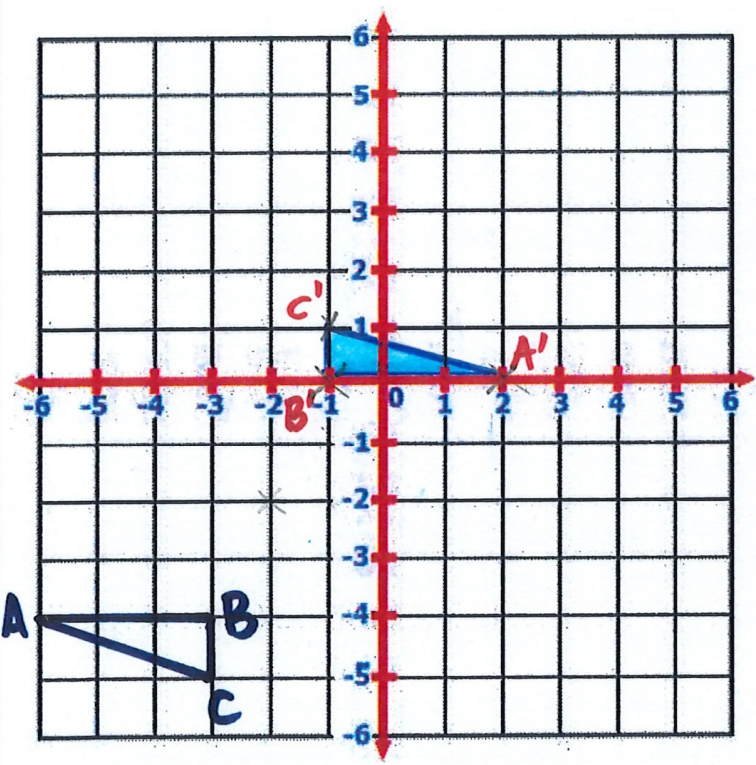
[1] Rotate the shape 180° about (2,1). Label the image.



[2] Rotate the shape 180° about (-2,1). Label the image.



[3] Rotate the shape 180° about (-2,-2). Label the image.



[4] Rotate the shape 180° about (2,-2). Label the image.

