

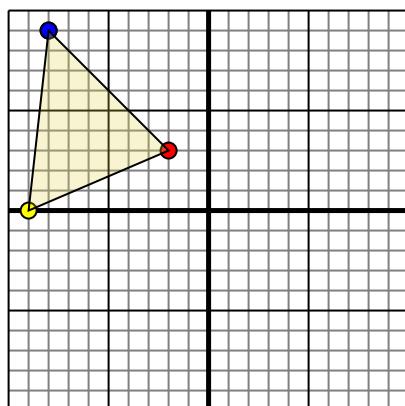


## Rotating on a Coordinate Plane

Name: \_\_\_\_\_

Rotate each shape as described.

1)

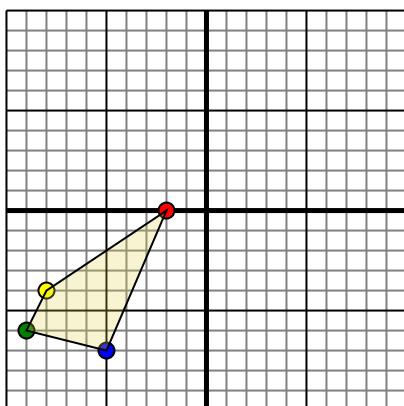


The shape above has the following coordinates:

- A. (-2,3)
- B. (-9,0)
- C. (-8,9)

Rotate the shape  $180^\circ$  clockwise.

2)



The shape above has the following coordinates:

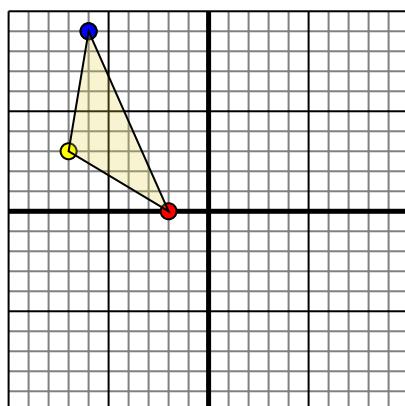
- A. (-2,0)
- B. (-8,-4)
- C. (-9,-6)
- D. (-5,-7)

Rotate the shape  $90^\circ$  counter-clockwise.

## Answers

1. \_\_\_\_\_ [Graph](#)
2. \_\_\_\_\_ [Graph](#)
3. \_\_\_\_\_ [Graph](#)
4. \_\_\_\_\_ [Graph](#)

3)

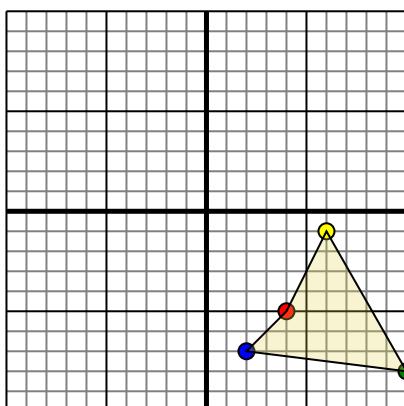


The shape above has the following coordinates:

- A. (-2,0)
- B. (-7,3)
- C. (-6,9)

Rotate the shape  $180^\circ$  counter-clockwise.

4)



The shape above has the following coordinates:

- A. (4,-5)
- B. (6,-1)
- C. (10,-8)
- D. (2,-7)

Rotate the shape  $90^\circ$  counter-clockwise.

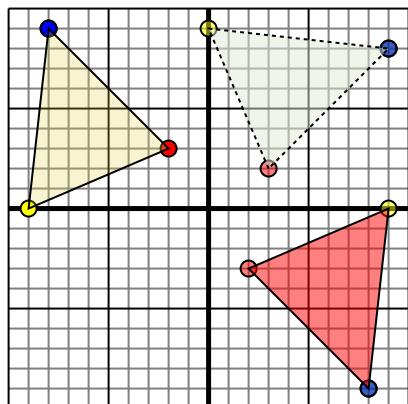


## Rotating on a Coordinate Plane

Name: **Answer Key**

Rotate each shape as described.

1)

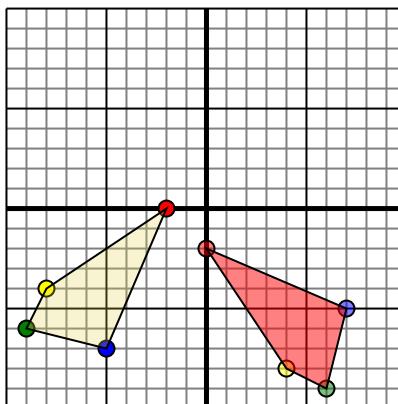


The shape above has the following coordinates:

- A. (-2,3)
- B. (-9,0)
- C. (-8,9)

Rotate the shape 180° clockwise.

2)

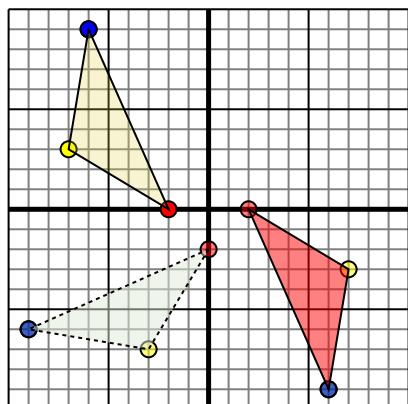


The shape above has the following coordinates:

- A. (-2,0)
- B. (-8,-4)
- C. (-9,-6)
- D. (-5,-7)

Rotate the shape 90° counter-clockwise.

3)

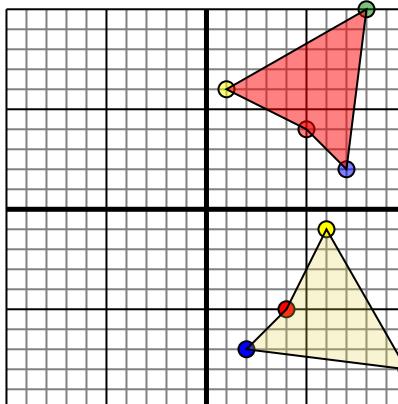


The shape above has the following coordinates:

- A. (-2,0)
- B. (-7,3)
- C. (-6,9)

Rotate the shape 180° counter-clockwise.

4)



The shape above has the following coordinates:

- A. (4,-5)
- B. (6,-1)
- C. (10,-8)
- D. (2,-7)

Rotate the shape 90° counter-clockwise.

**Answers**

1. 2,-3 9,0 8,-9 Graph

2. -0,-2 4,-8 6,-9 7,-5 Graph

3. 2,-0 7,-3 6,-9 Graph

4. 5,4 1,6 8,10 7,2 Graph