

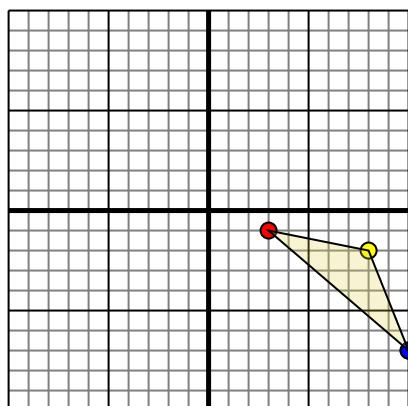


## Rotating on a Coordinate Plane

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

Rotate each shape as described.

1)

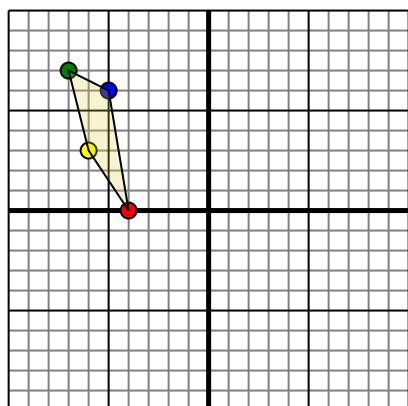


The shape above has the following coordinates:

- A. (3, -1)
- B. (8, -2)
- C. (10, -7)

Rotate the shape  $270^\circ$  counter-clockwise.

2)



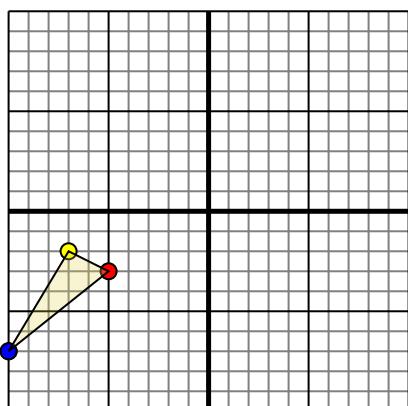
The shape above has the following coordinates:

- A. (-4, 0)
- B. (-6, 3)
- C. (-7, 7)
- D. (-5, 6)

Rotate the shape  $90^\circ$  clockwise.

## Answers

3)

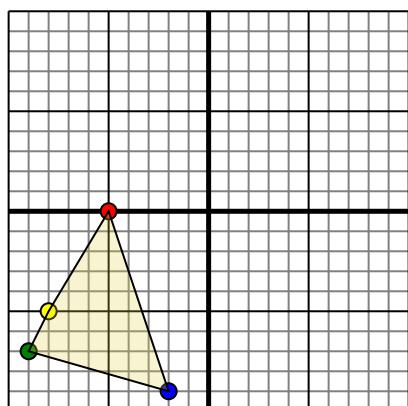


The shape above has the following coordinates:

- A. (-5, -3)
- B. (-7, -2)
- C. (-10, -7)

Rotate the shape  $90^\circ$  clockwise.

4)



The shape above has the following coordinates:

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

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

1. \_\_\_\_\_ [Graph](#)

2. \_\_\_\_\_ [Graph](#)

3. \_\_\_\_\_ [Graph](#)

4. \_\_\_\_\_ [Graph](#)

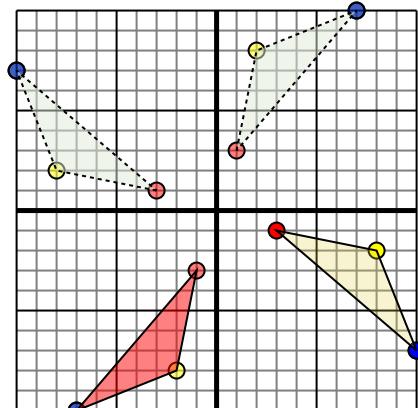


# Rotating on a Coordinate Plane

Name: **Answer Key**

Rotate each shape as described.

1)

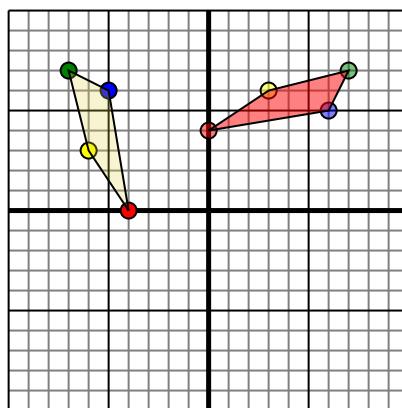


The shape above has the following coordinates:

- A. (3, -1)
- B. (8, -2)
- C. (10, -7)

Rotate the shape  $270^\circ$  counter-clockwise.

2)

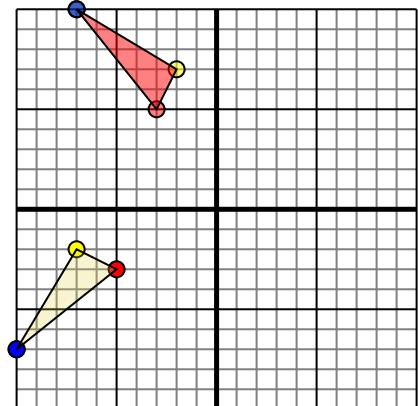


The shape above has the following coordinates:

- A. (-4, 0)
- B. (-6, 3)
- C. (-7, 7)
- D. (-5, 6)

Rotate the shape  $90^\circ$  clockwise.

3)

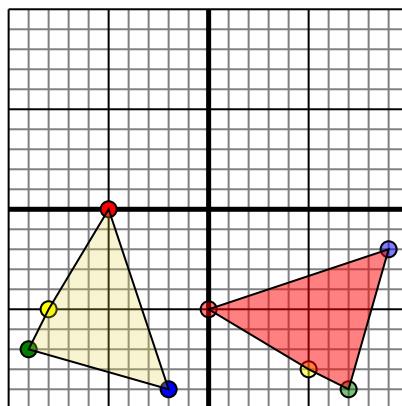


The shape above has the following coordinates:

- A. (-5, -3)
- B. (-7, -2)
- C. (-10, -7)

Rotate the shape  $90^\circ$  clockwise.

4)



The shape above has the following coordinates:

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

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

**Answers**

1. -1,-3 -2,-8 -7,-10 Graph

2. -0.4 3.6 7.7 6.5 Graph

3. -3,5 -2,7 -7,10 Graph

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