

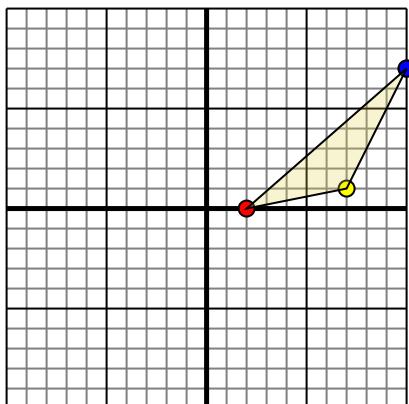


Rotating on a Coordinate Plane

Name: _____

Rotate each shape as described.

1)

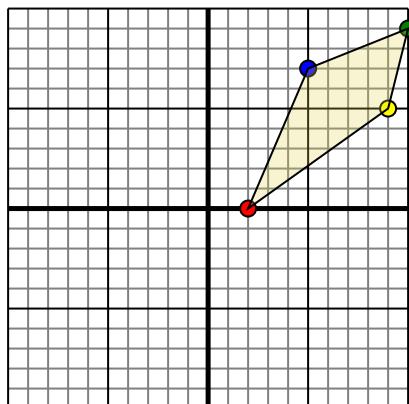


The shape above has the following coordinates:

- A. (2,0)
- B. (7,1)
- C. (10,7)

Rotate the shape 90° clockwise.

2)



The shape above has the following coordinates:

- A. (2,0)
- B. (9,5)
- C. (10,9)
- D. (5,7)

Rotate the shape 270° counter-clockwise.

Answers

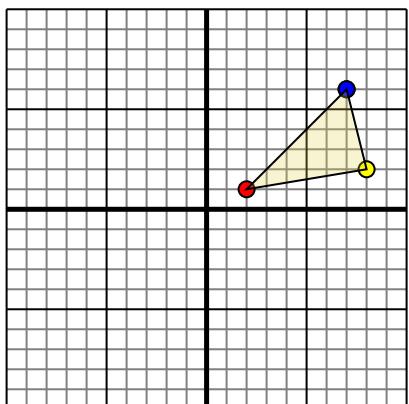
1. _____ Graph

2. _____ Graph

3. _____ Graph

4. _____ Graph

3)

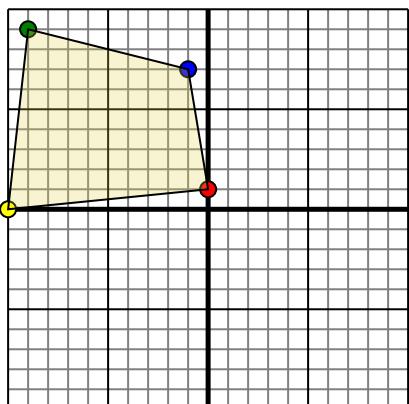


The shape above has the following coordinates:

- A. (2,1)
- B. (8,2)
- C. (7,6)

Rotate the shape 180° counter-clockwise.

4)



The shape above has the following coordinates:

- A. (0,1)
- B. (-10,0)
- C. (-9,9)
- D. (-1,7)

Rotate the shape 90° clockwise.

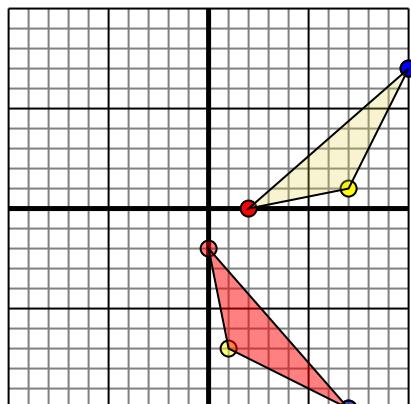


Rotating on a Coordinate Plane

Name: **Answer Key**

Rotate each shape as described.

1)

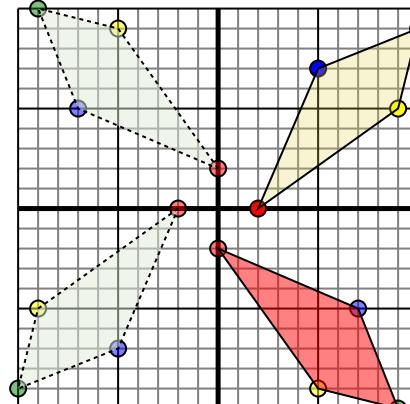


The shape above has the following coordinates:

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- B. (7,1)
- C. (10,7)

Rotate the shape 90° clockwise.

2)

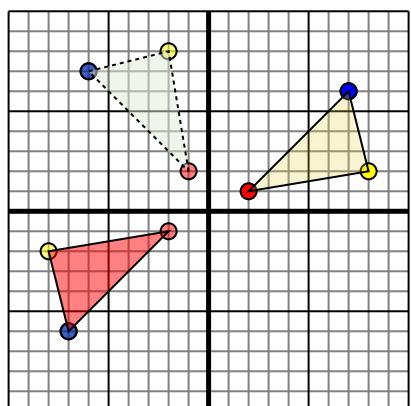


The shape above has the following coordinates:

- A. (2,0)
- B. (9,5)
- C. (10,9)
- D. (5,7)

Rotate the shape 270° counter-clockwise.

3)

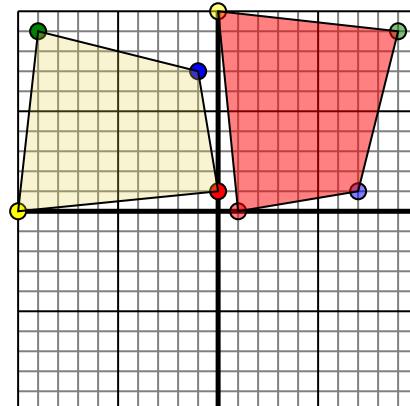


The shape above has the following coordinates:

- A. (2,1)
- B. (8,2)
- C. (7,6)

Rotate the shape 180° counter-clockwise.

4)



The shape above has the following coordinates:

- A. (0,1)
- B. (-10,0)
- C. (-9,9)
- D. (-1,7)

Rotate the shape 90° clockwise.

Answers

1. 0,-2 1,-7 7,-10 Graph

2. -0,-2 5,-9 9,-10 7,-5 Graph

3. -2,-1 -8,-2 -7,-6 Graph

4. 1,0 -0,10 9,9 7,1 Graph