

## Rotating on a Coordinate Plane

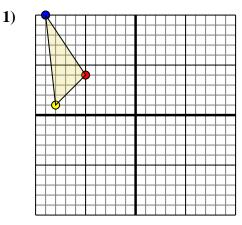
Name:

Answers

2

3

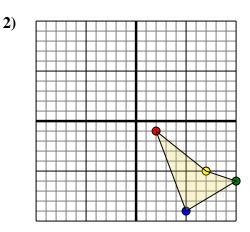
## Rotate each shape as described.



The shape above has the following coordinates:

- A. (-5,4)
- B. (-8,1)
- C. (-9,10)

Rotate the shape 180° counter-clockwise.

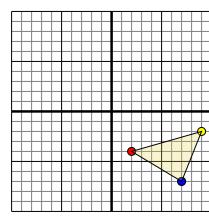


The shape above has the following coordinates:

- A. (2,-1)
- B. (7,-5)
- C. (10,-6)
- D. (5,-9)

Rotate the shape 180° clockwise.

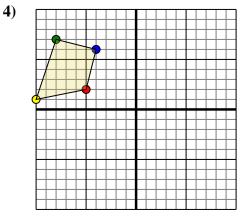




The shape above has the following coordinates:

- A. (2,-4)
- B. (9,-2)
- C. (7,-7)

Rotate the shape  $180^{\circ}$  clockwise.

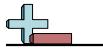


The shape above has the following coordinates:

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

Rotate the shape 180° counter-clockwise.

## Math



Name: **Answer Key** 

<u>Answers</u>

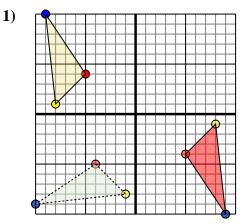
1. 5,-4 8,-1 9,-10 Graph

2. <u>-2,1</u> <u>-7,5</u> <u>-10,6</u> <u>-5,9</u> Graph

3. <u>-2,4</u> <u>-9,2</u> <u>-7,7</u> Graph

4. <u>5,-2</u> <u>10,-1</u> <u>8,-7</u> <u>4,-6</u> <sub>Graph</sub>

## Rotate each shape as described.

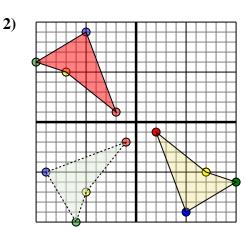


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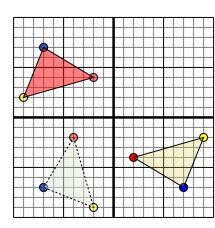
The shape above has the following coordinates:

A. (2,-1)

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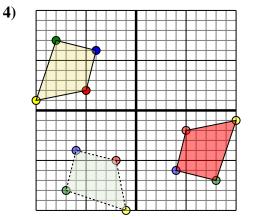




The shape above has the following coordinates:

- A. (2,-4)
- B. (9,-2)
- C. (7,-7)

Rotate the shape 180° clockwise.



The shape above has the following coordinates:

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

Rotate the shape 180° counter-clockwise.