

# Rotating on a Coordinate Plane

2)

Name:

### Rotate each shape as described.



The shape above has the following coordinates:

A. (-2,0)

- B. (-9,1)
- C. (-6,10)

3)

Rotate the shape 270° counter-clockwise.



The shape above has the following coordinates:

A. (5,2)

B. (8,4)

- C. (6,8)
- D. (2,6) Rotate the shape 270° clockwise.

The shape above has the following coordinates:

- A. (2,5)
- B. (10,2)
- C. (7,8)

Rotate the shape 270° counter-clockwise.





The shape above has the following coordinates:

- A. (-1,0)
- B. (-8,3)
- C. (-10,7)
- D. (-2,8)

Rotate the shape 90° counter-clockwise.



## Rotating on a Coordinate Plane

2)

Name: **Answer Key** 

### Rotate each shape as described.



The shape above has the following coordinates:

A. (-2,0)

- B. (-9,1)
- C. (-6,10)

3)

Rotate the shape 270° counter-clockwise.



The shape above has the following coordinates:

A. (5,2)

- B. (8,4)
- C. (6,8)
- D. (2,6) Rotate the shape 270° clockwise.

<u>Answers</u> 1. <u>0,2</u> <u>1,9</u> <u>10,6</u> <u>Graph</u> 2. <u>-2,5</u> <u>-4,8</u> <u>-8,6</u> <u>-6,2</u> <u>Graph</u> 3. <u>5,-2</u> <u>2,-10</u> <u>8,-7</u> <u>Graph</u> 4. <u>-0,-1</u> <u>-3,-8</u> <u>-7,-10</u> <u>-8,-2</u> <u>Graph</u>

The shape above has the following coordinates:

- A. (2,5)
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The shape above has the following coordinates:

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Rotate the shape 90° counter-clockwise.