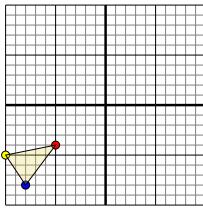
Rotate each shape as described.

1)



The shape above has the following coordinates:

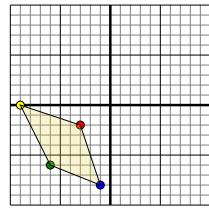
A. (-5,-4)

B. (-10,-5)

C. (-8,-8)

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

2)



The shape above has the following coordinates:

A. (-3,-2)

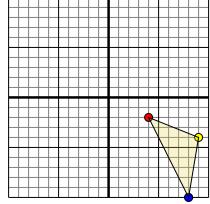
B. (-9,0)

C. (-6,-6)

D. (-1,-8)

Rotate the shape 180° clockwise.

3)



The shape above has the following coordinates:

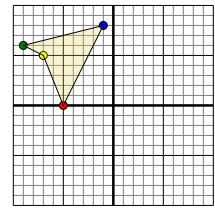
A. (4,-2)

B. (9,-4)

C. (8,-10)

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

4)



The shape above has the following coordinates:

A. (-5,0)

B. (-7,5)

C. (-9,6)

D. (-1,8)

Rotate the shape  $90^{\circ}$  clockwise.

**Answers** 

1. \_\_\_\_\_ Graph

2. \_\_\_\_ Graph

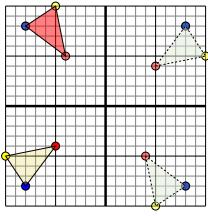
3. \_\_\_\_\_ Graph

4. \_\_\_\_ Graph

Name:

## Rotate each shape as described.

1)



The shape above has the following coordinates:

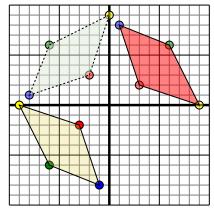
A. (-5,-4)

B. (-10,-5)

C. (-8,-8)

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

2)



The shape above has the following coordinates:

A. (-3,-2)

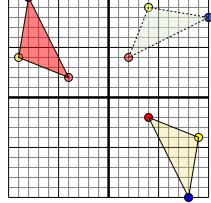
B. (-9,0)

C. (-6,-6)

D. (-1,-8)

Rotate the shape 180° clockwise.

3)



The shape above has the following coordinates:

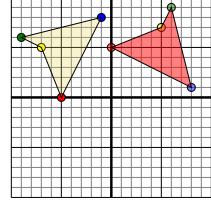
A. (4,-2)

B. (9,-4)

C. (8,-10)

Rotate the shape 180° counter-clockwise.

4)



The shape above has the following coordinates:

A. (-5,0)

B. (-7,5)

C. (-9,6)

D. (-1,8)

Rotate the shape  $90^{\circ}$  clockwise.

## Answers

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

2. 3,2 9,0 6,6 1,8 <sub>Graph</sub>

3. <u>-4,2</u> <u>-9,4</u> <u>-8,10</u> <u>Graph</u>

4. <u>-0,5</u> <u>5,7</u> <u>6,9</u> <u>8,1</u> <sub>Graph</sub>