

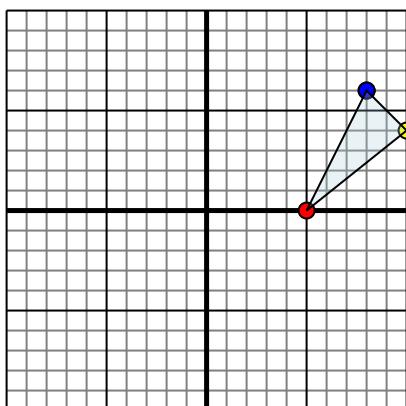


Reflecting on a Coordinate Plane

Name: _____

Reflect each shape as described.

1)

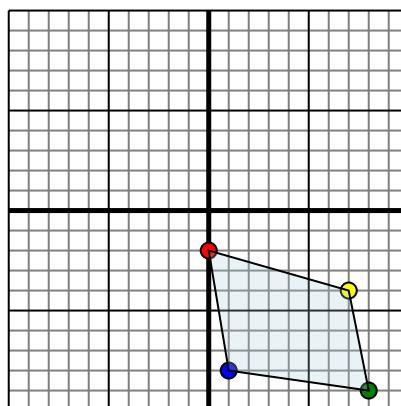


The shape above has the following coordinates:

- A. (5,0)
- B. (10,4)
- C. (8,6)

Reflect the shape over the X axis.

2)



The shape above has the following coordinates:

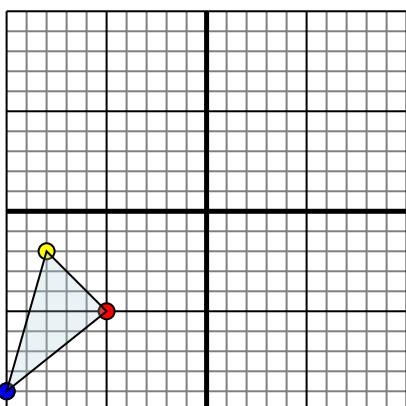
- A. (0,-2)
- B. (7,-4)
- C. (8,-9)
- D. (1,-8)

Reflect the shape over the X axis.

Answers

1. _____
2. _____
3. _____
4. _____

3)

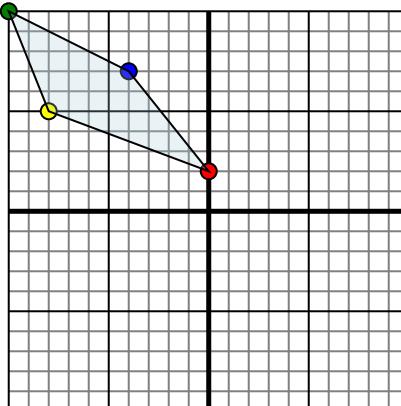


The shape above has the following coordinates:

- A. (-5,-5)
- B. (-8,-2)
- C. (-10,-9)

Reflect the shape over the X axis.

4)



The shape above has the following coordinates:

- A. (0,2)
- B. (-8,5)
- C. (-10,10)
- D. (-4,7)

Reflect the shape over the Y axis.

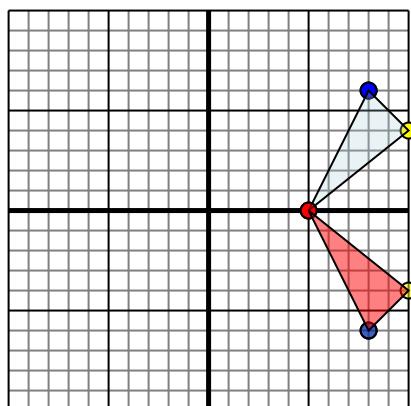


Reflecting on a Coordinate Plane

Name: **Answer Key**

Reflect each shape as described.

1)

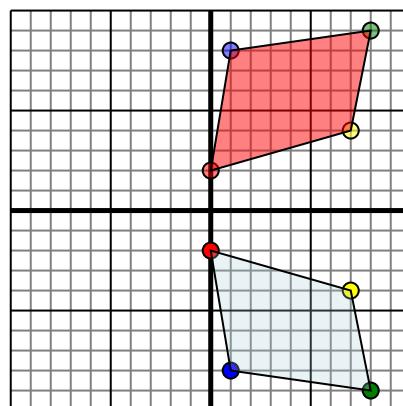


The shape above has the following coordinates:

- A. (5,0)
- B. (10,4)
- C. (8,6)

Reflect the shape over the X axis.

2)



The shape above has the following coordinates:

- A. (0,-2)
- B. (7,-4)
- C. (8,-9)
- D. (1,-8)

Reflect the shape over the X axis.

Answers

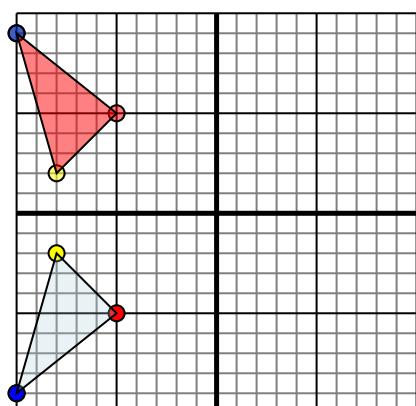
1. 5,0 10,-4 8,-6 Graph

2. 0,2 7,4 8,9 1,8 Graph

3. -5,5 -8,2 -10,9 Graph

4. 0,2 8,5 10,10 4,7 Graph

3)

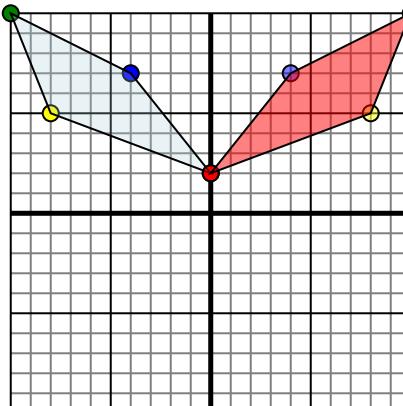


The shape above has the following coordinates:

- A. (-5,-5)
- B. (-8,-2)
- C. (-10,-9)

Reflect the shape over the X axis.

4)



The shape above has the following coordinates:

- A. (0,2)
- B. (-8,5)
- C. (-10,10)
- D. (-4,7)

Reflect the shape over the X axis.