

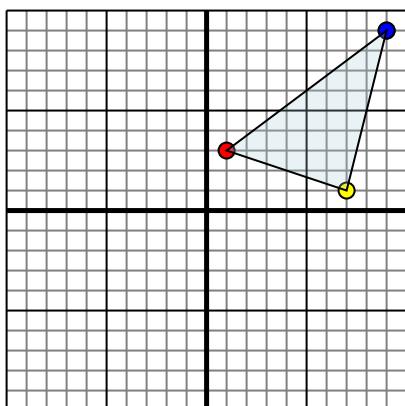


## Reflecting on a Coordinate Plane

Name: \_\_\_\_\_

Reflect each shape as described.

1)

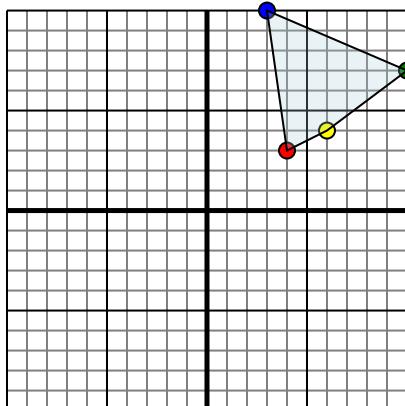


The shape above has the following coordinates:

- A. (1,3)
- B. (7,1)
- C. (9,9)

Reflect the shape over the Y axis.

2)



The shape above has the following coordinates:

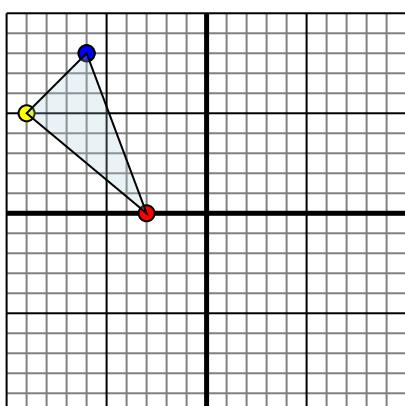
- A. (4,3)
- B. (6,4)
- C. (10,7)
- D. (3,10)

Reflect the shape over the X axis.

## Answers

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_

3)

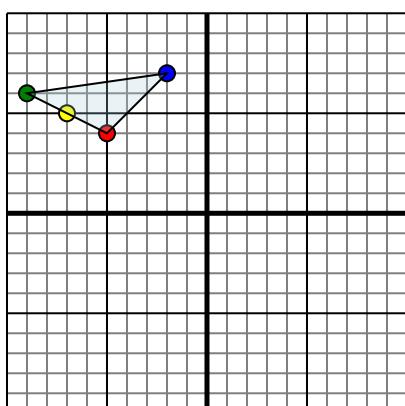


The shape above has the following coordinates:

- A. (-3,0)
- B. (-9,5)
- C. (-6,8)

Reflect the shape over the X axis.

4)



The shape above has the following coordinates:

- A. (-5,4)
- B. (-7,5)
- C. (-9,6)
- D. (-2,7)

Reflect the shape over the X axis.

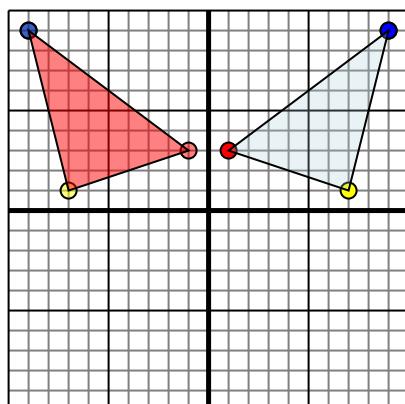


## Reflecting on a Coordinate Plane

Name: **Answer Key**

Reflect each shape as described.

1)

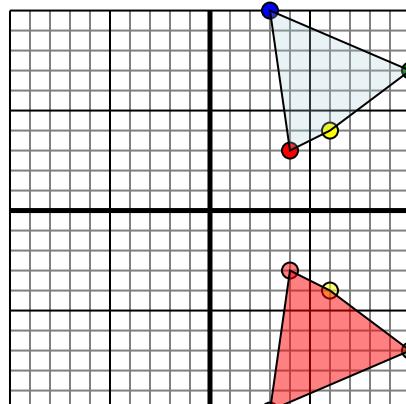


The shape above has the following coordinates:

- A. (1,3)
- B. (7,1)
- C. (9,9)

Reflect the shape over the Y axis.

2)



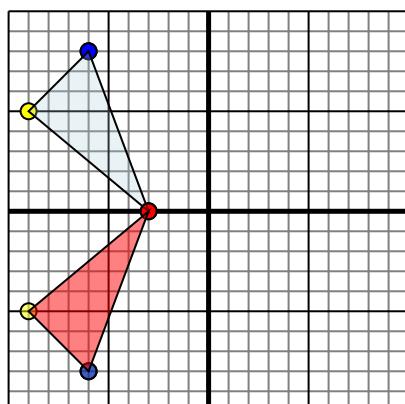
The shape above has the following coordinates:

- A. (4,3)
- B. (6,4)
- C. (10,7)
- D. (3,10)

Reflect the shape over the X axis.

**Answers**

3)

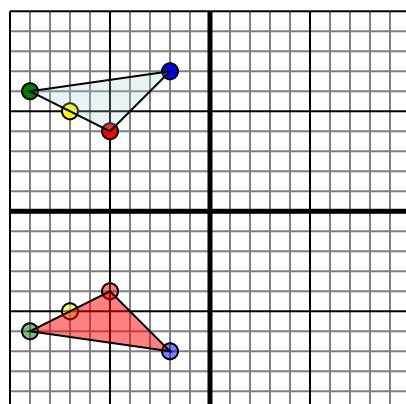


The shape above has the following coordinates:

- A. (-3,0)
- B. (-9,5)
- C. (-6,8)

Reflect the shape over the X axis.

4)



The shape above has the following coordinates:

- A. (-5,4)
- B. (-7,5)
- C. (-9,6)
- D. (-2,7)

Reflect the shape over the X axis.

1. -1,3 -7,1 -9,9 [Graph](#)

2. 4,-3 6,-4 10,-7 3,-10 [Graph](#)

3. -3,0 -9,-5 -6,-8 [Graph](#)

4. -5,-4 -7,-5 -9,-6 -2,-7 [Graph](#)