

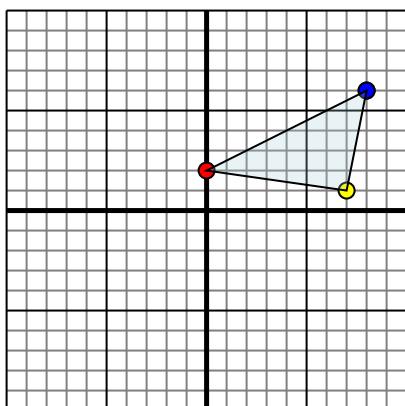


Reflecting on a Coordinate Plane

Name: _____

Reflect each shape as described.

1)

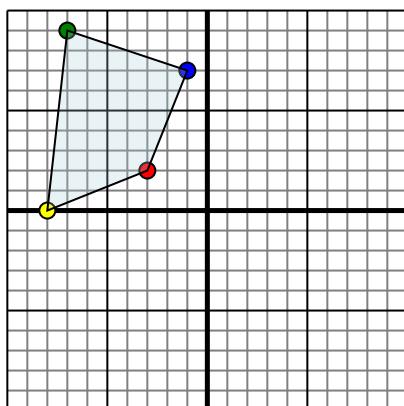


The shape above has the following coordinates:

- A. (0,2)
- B. (7,1)
- C. (8,6)

Reflect the shape over the X axis.

2)



The shape above has the following coordinates:

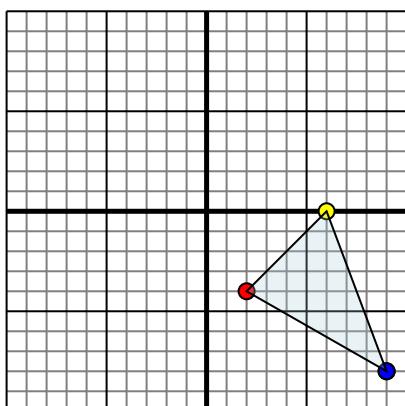
- A. (-3,2)
- B. (-8,0)
- C. (-7,9)
- D. (-1,7)

Reflect the shape over the X axis.

Answers

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

3)

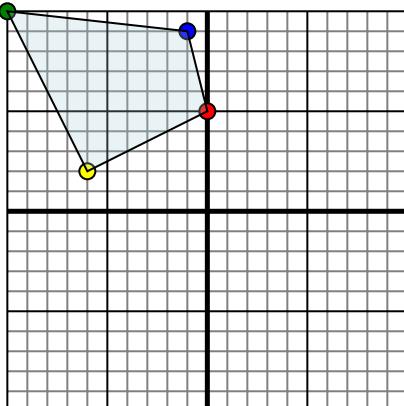


The shape above has the following coordinates:

- A. (2,-4)
- B. (6,0)
- C. (9,-8)

Reflect the shape over the Y axis.

4)



The shape above has the following coordinates:

- A. (0,5)
- B. (-6,2)
- C. (-10,10)
- D. (-1,9)

Reflect the shape over the X axis.

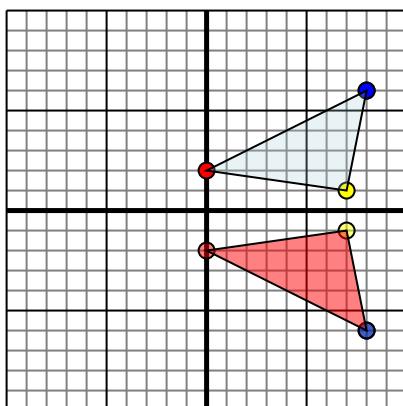


Reflecting on a Coordinate Plane

Name: **Answer Key**

Reflect each shape as described.

1)

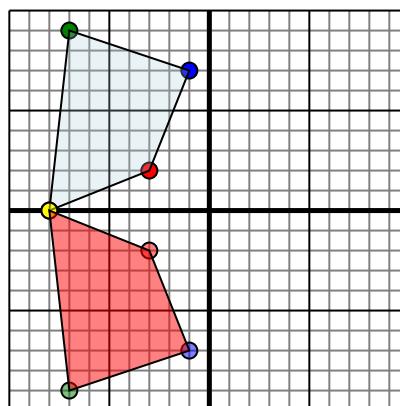


The shape above has the following coordinates:

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- B. (7,1)
- C. (8,6)

Reflect the shape over the X axis.

2)



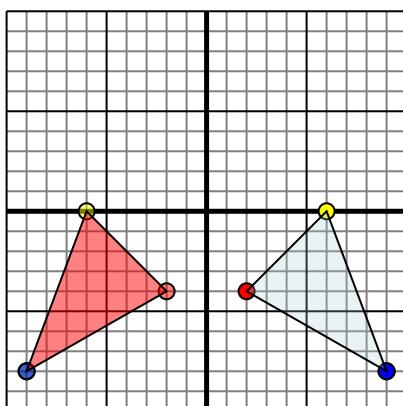
The shape above has the following coordinates:

- A. (-3,2)
- B. (-8,0)
- C. (-7,9)
- D. (-1,7)

Reflect the shape over the X axis.

Answers

3)

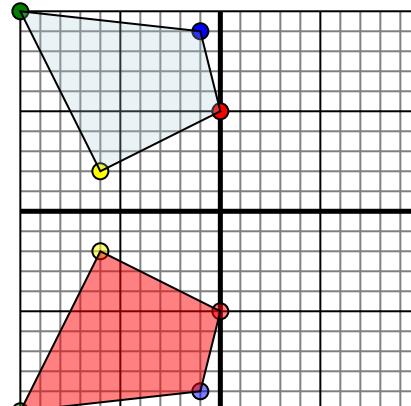


The shape above has the following coordinates:

- A. (2,-4)
- B. (6,0)
- C. (9,-8)

Reflect the shape over the Y axis.

4)



The shape above has the following coordinates:

- A. (0,5)
- B. (-6,2)
- C. (-10,10)
- D. (-1,9)

Reflect the shape over the X axis.

1. 0,-2 7,-1 8,-6 [Graph](#)

2. -3,-2 -8,0 -7,-9 -1,-7 [Graph](#)

3. -2,-4 -6,0 -9,-8 [Graph](#)

4. 0,5 -6,-2 -10,-10 -1,-9 [Graph](#)