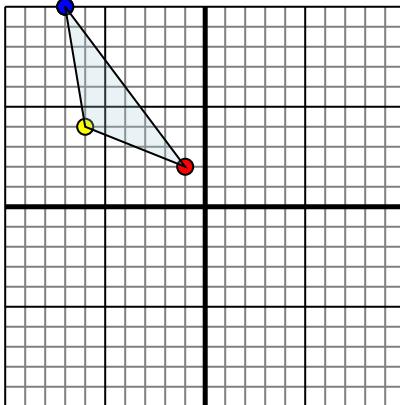


Reflecting on a Coordinate Plane

Name: _____

Reflect each shape as described.

1)

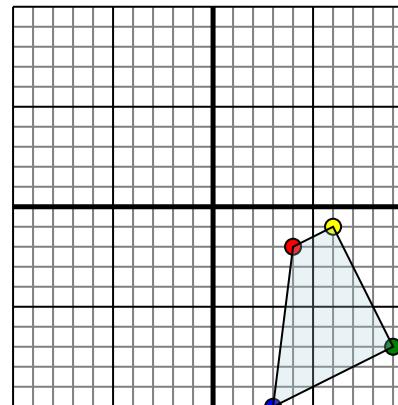


The shape above has the following coordinates:

- A. (-1,2)
- B. (-6,4)
- C. (-7,10)

Reflect the shape over the Y axis.

2)



The shape above has the following coordinates:

- A. (4,-2)
- B. (6,-1)
- C. (9,-7)
- D. (3,-10)

Reflect the shape over the X axis.

Answers

1a. _____

1b. _____

1c. _____

1d. _____

2a. _____

2b. _____

2c. _____

2d. _____

2e. _____

3a. _____

3b. _____

3c. _____

3d. _____

4a. _____

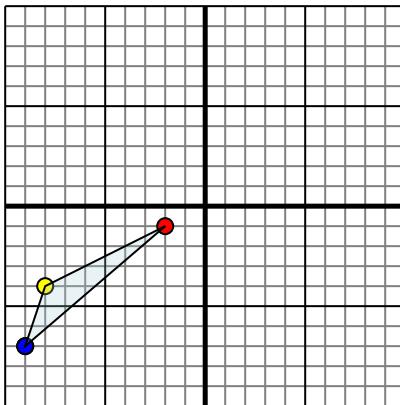
4b. _____

4c. _____

4d. _____

4e. _____

3)

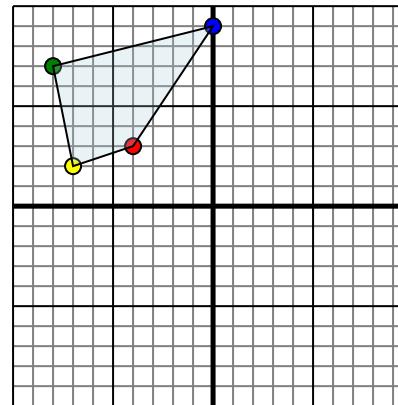


The shape above has the following coordinates:

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

Reflect the shape over the X axis.

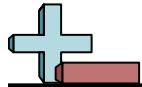
4)



The shape above has the following coordinates:

- A. (-4,3)
- B. (-7,2)
- C. (-8,7)
- D. (0,9)

Reflect the shape over the Y axis.

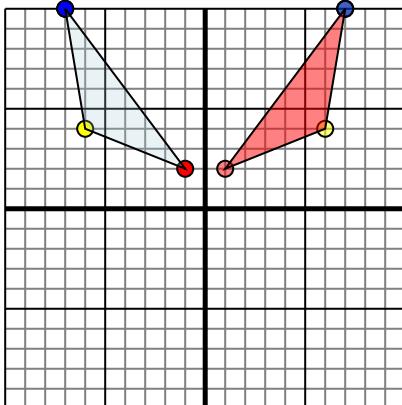


Reflecting on a Coordinate Plane

Name: **Answer Key**

Reflect each shape as described.

1)

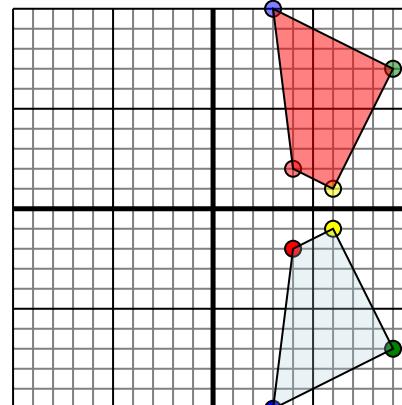


The shape above has the following coordinates:

- A. (-1,2)
- B. (-6,4)
- C. (-7,10)

Reflect the shape over the Y axis.

2)

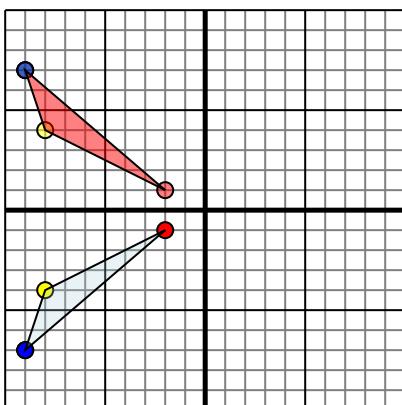


The shape above has the following coordinates:

- A. (4,-2)
- B. (6,-1)
- C. (9,-7)
- D. (3,-10)

Reflect the shape over the X axis.

3)

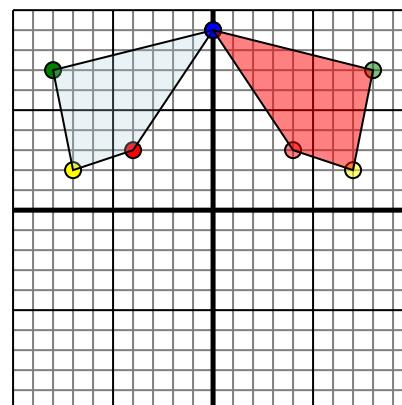


The shape above has the following coordinates:

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

Reflect the shape over the X axis.

4)



The shape above has the following coordinates:

- A. (-4,3)
- B. (-7,2)
- C. (-8,7)
- D. (0,9)

Reflect the shape over the Y axis.

Answers1a. **1,2**1b. **6,4**1c. **7,10****Graph**2a. **4,2**2b. **6,1**2c. **9,7****3,10****Graph**3a. **-2,1**3b. **-8,4**3c. **-9,7****Graph**4a. **4,3**4b. **7,2**4c. **8,7**4d. **0,9****Graph**