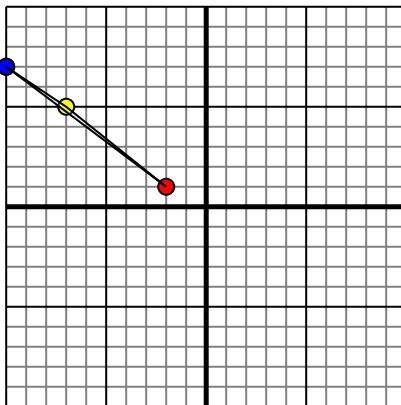


## Reflecting on a Coordinate Plane

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

Reflect each shape as described.

1)

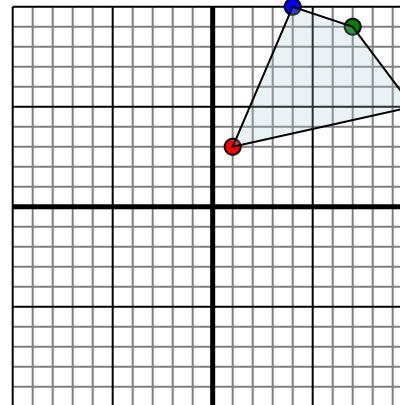


The shape above has the following coordinates:

- A. (-2,1)
- B. (-7,5)
- C. (-10,7)

Reflect the shape over the Y axis.

2)

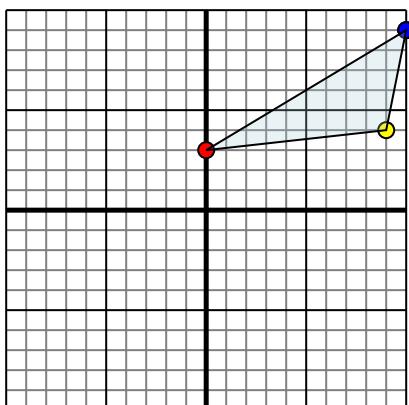


The shape above has the following coordinates:

- A. (1,3)
- B. (10,5)
- C. (7,9)
- D. (4,10)

Reflect the shape over the Y axis.

3)

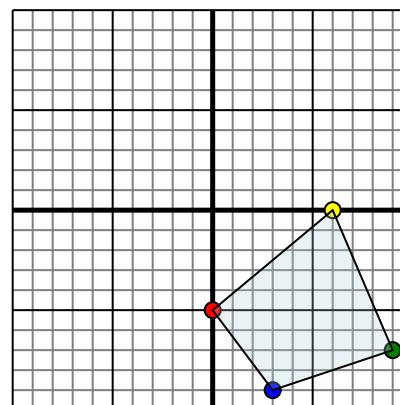


The shape above has the following coordinates:

- A. (0,3)
- B. (9,4)
- C. (10,9)

Reflect the shape over the Y axis.

4)



The shape above has the following coordinates:

- A. (0,-5)
- B. (6,0)
- C. (9,-7)
- D. (3,-9)

Reflect the shape over the Y axis.

**Answers**

1a. \_\_\_\_\_

1b. \_\_\_\_\_

1c. \_\_\_\_\_

1d. \_\_\_\_\_

2a. \_\_\_\_\_

2b. \_\_\_\_\_

2c. \_\_\_\_\_

2d. \_\_\_\_\_

2e. \_\_\_\_\_

3a. \_\_\_\_\_

3b. \_\_\_\_\_

3c. \_\_\_\_\_

3d. \_\_\_\_\_

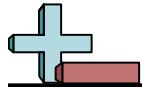
4a. \_\_\_\_\_

4b. \_\_\_\_\_

4c. \_\_\_\_\_

4d. \_\_\_\_\_

4e. \_\_\_\_\_

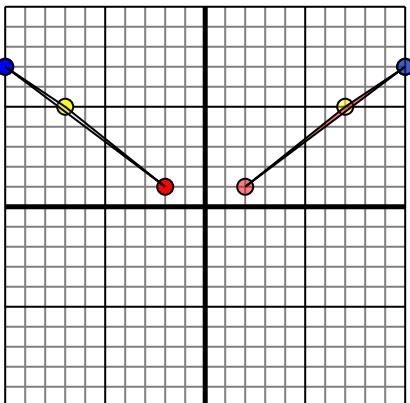


## Reflecting on a Coordinate Plane

Name: **Answer Key**

Reflect each shape as described.

1)

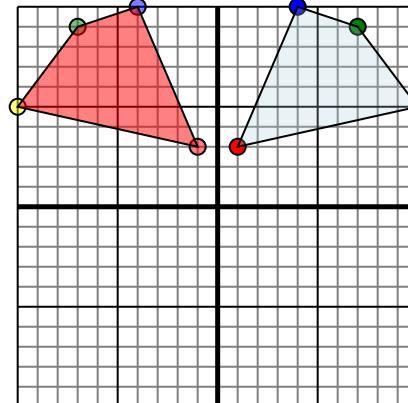


The shape above has the following coordinates:

- A. (-2,1)
- B. (-7,5)
- C. (-10,7)

Reflect the shape over the Y axis.

2)

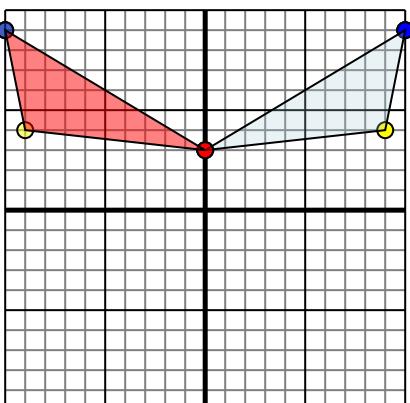


The shape above has the following coordinates:

- A. (1,3)
- B. (10,5)
- C. (7,9)
- D. (4,10)

Reflect the shape over the Y axis.

3)

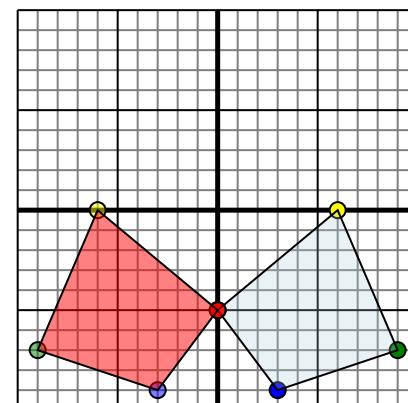


The shape above has the following coordinates:

- A. (0,3)
- B. (9,4)
- C. (10,9)

Reflect the shape over the Y axis.

4)



The shape above has the following coordinates:

- A. (0,-5)
- B. (6,0)
- C. (9,-7)
- D. (3,-9)

Reflect the shape over the Y axis.

**Answers**1a. **2,1**1b. **7,5**1c. **10,7****Graph**2a. **-1,3**2b. **-10,5**2c. **-7,9**2d. **-4,10****Graph**3a. **0,3**3b. **-9,4**3c. **-10,9****Graph**4a. **0,-5**4b. **-6,0**4c. **-9,-7**4d. **-3,-9****Graph**