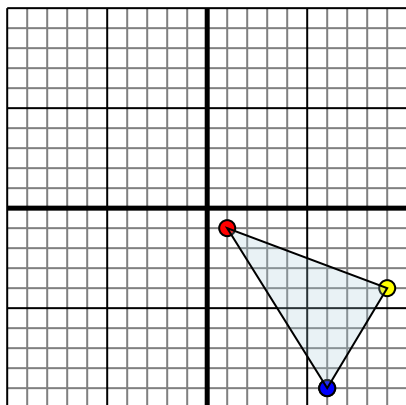## Reflecting on a Coordinate Plane

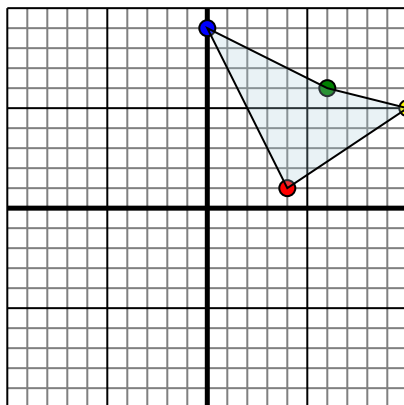Name: _____

Reflect each shape as described.

1)

The shape above has the following coordinates:

A. (1,-1)

B. (9,-4)
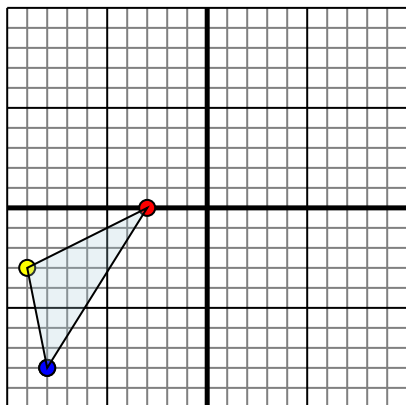
C. (6,-9)

Reflect the shape over the X axis.

2)

The shape above has the following coordinates:

A. (4,1)

B. (10,5)

C. (6,6)
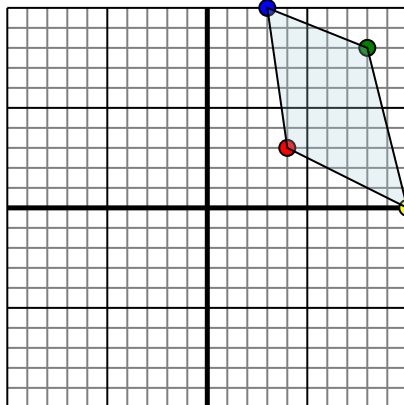
D. (0,9)

Reflect the shape over the Y axis.

3)

The shape above has the following coordinates:

A. (-3,0)

B. (-9,-3)

C. (-8,-8)

Reflect the shape over the X axis.

4)

The shape above has the following coordinates:

A. (4,3)

B. (10,0)
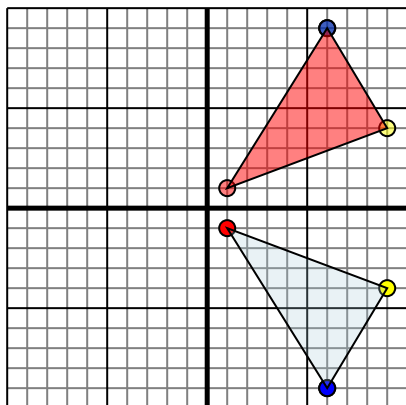
C. (8,8)

D. (3,10)

Reflect the shape over the Y axis.

Math

www.CommonCoreSheets.com

1-4 | 75 | 50 | 25 | 0
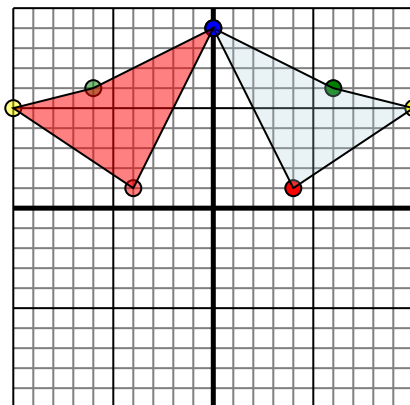
Reflect each shape as described.

1)

The shape above has the following coordinates:

A. (1,-1)

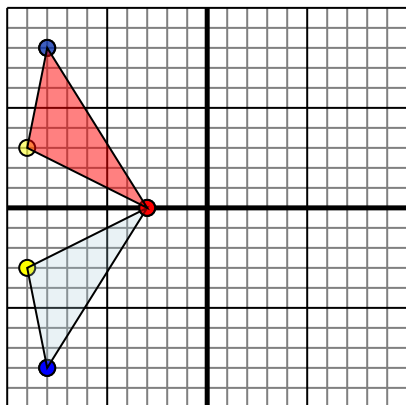B. (9,-4)

C. (6,-9)

Reflect the shape over the X axis.

2)

The shape above has the following coordinates:

A. (4,1)

B. (10,5)

C. (6,6)

D. (0,9)

Reflect the shape over the Y axis.

1. <u>**1,1   9,4   6,9**</u> _{Graph}

2. <u>**-4,1**   _{-10,5}   **-6,6**   **0,9**</u> _{Graph}

3. <u>**-3,0   -9,3   -8,8**</u> _{Graph}

4. <u>**-4,3**   _{-10,0}   **-8,8**   _{-3,10}</u> _{Graph}
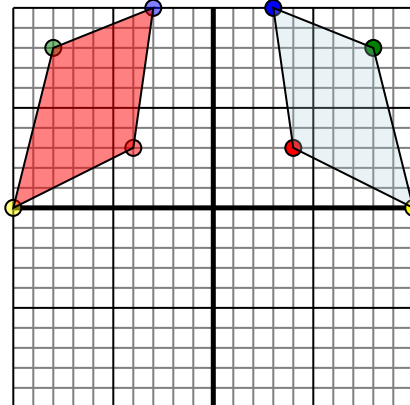
3)

The shape above has the following coordinates:

A. (-3,0)

B. (-9,-3)

C. (-8,-8)

Reflect the shape over the X axis.

4)

The shape above has the following coordinates:

A. (4,3)

B. (10,0)

C. (8,8)

D. (3,10)

Reflect the shape over the Y axis.

Math

| 1-4 | 75 | 50 | 25 | 0 |