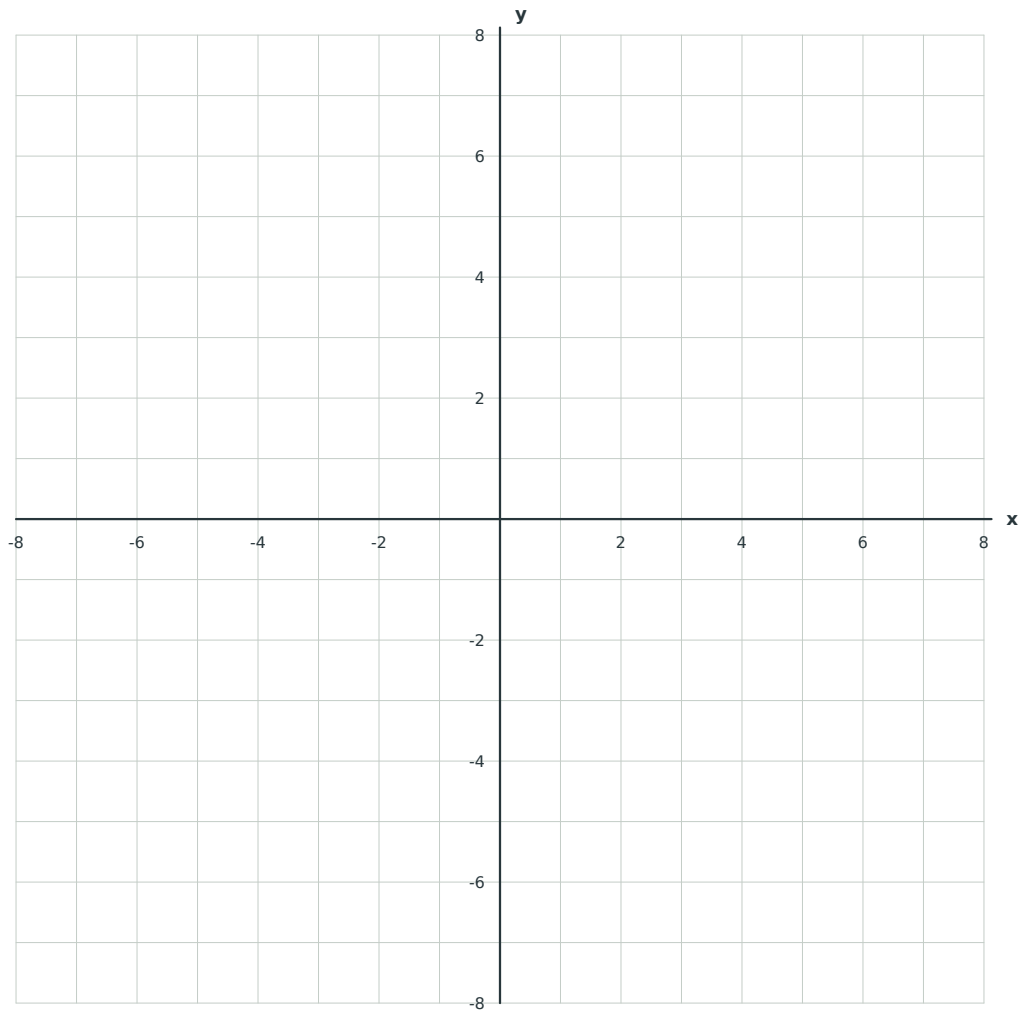


## Reflect over x-axis

Plot the original point set, then apply the stated sign change. Join corresponding vertices in the same order.

Original points:  $[-4, 1]$ ,  $[-1, 4]$ ,  $[2, 1]$ ,  $[0, -1]$ ; reflect over x axis.

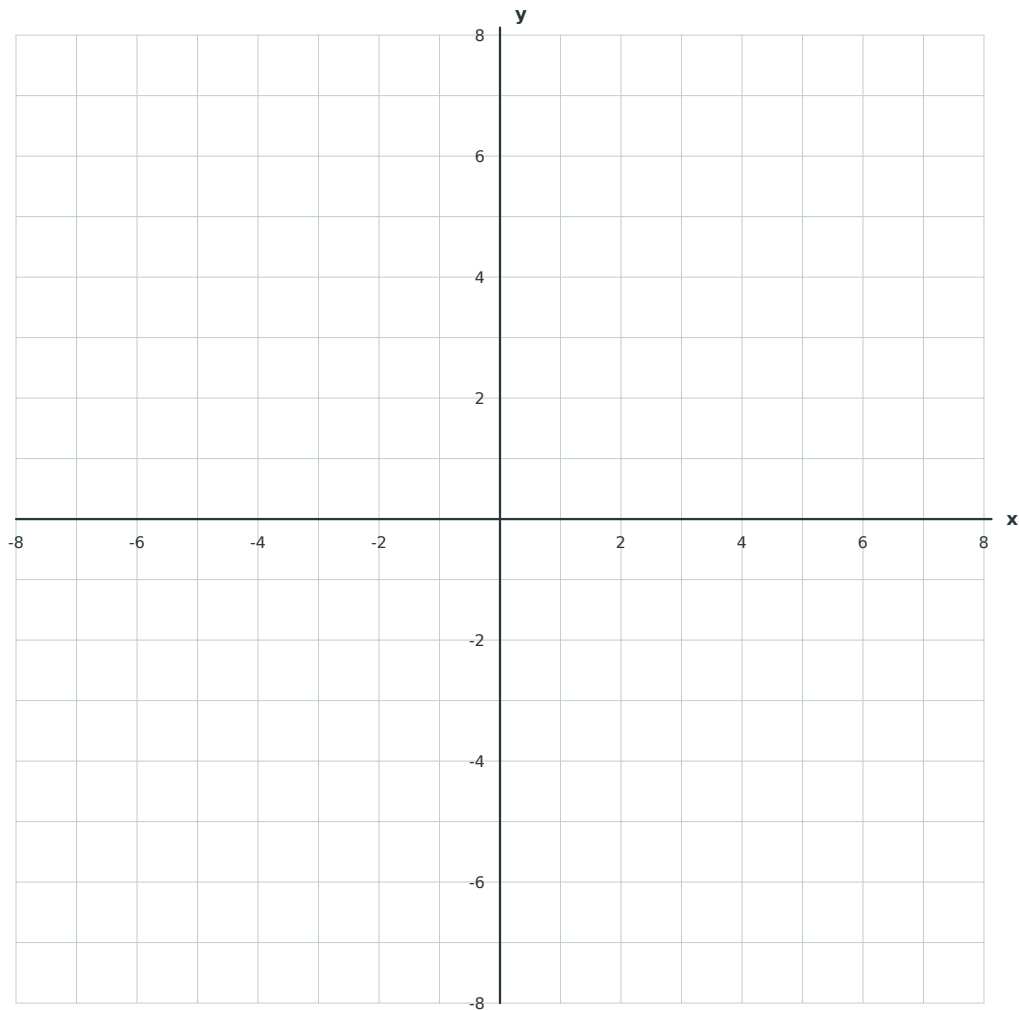


1. State the reflected coordinates. \_\_\_\_\_
2. Which points remain on an axis? \_\_\_\_\_
3. Connect corresponding vertices. \_\_\_\_\_

## Reflect over y-axis

Plot the original point set, then apply the stated sign change. Join corresponding vertices in the same order.

Original points:  $[-4, -2]$ ,  $[-2, 2]$ ,  $[1, 3]$ ,  $[3, -1]$ ; reflect over y axis.

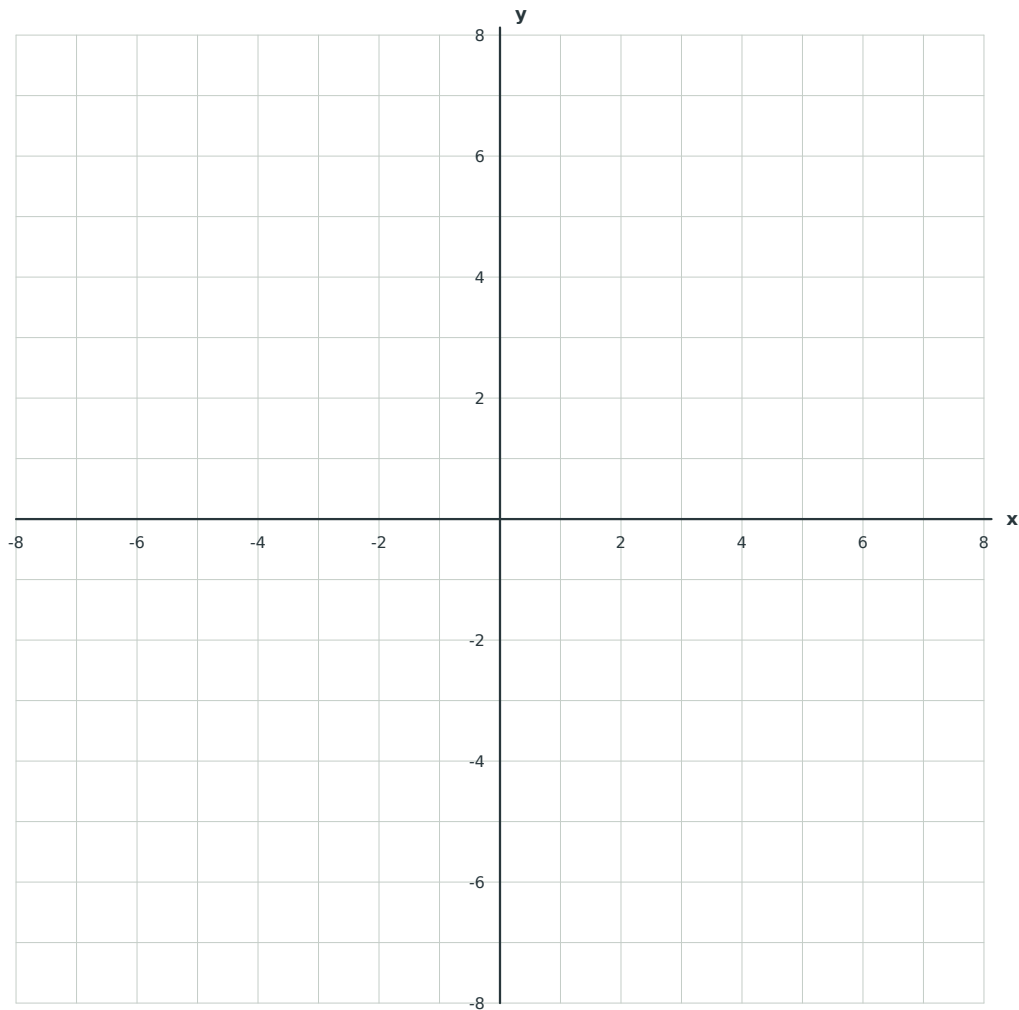


1. State the reflected coordinates. \_\_\_\_\_
2. Which points remain on an axis? \_\_\_\_\_
3. Connect corresponding vertices. \_\_\_\_\_

## Reflect over both axes

Plot the original point set, then apply the stated sign change. Join corresponding vertices in the same order.

Original points:  $[-3, 1]$ ,  $[-1, 3]$ ,  $[2, 2]$ ,  $[1, -1]$ ; reflect over xy axis.

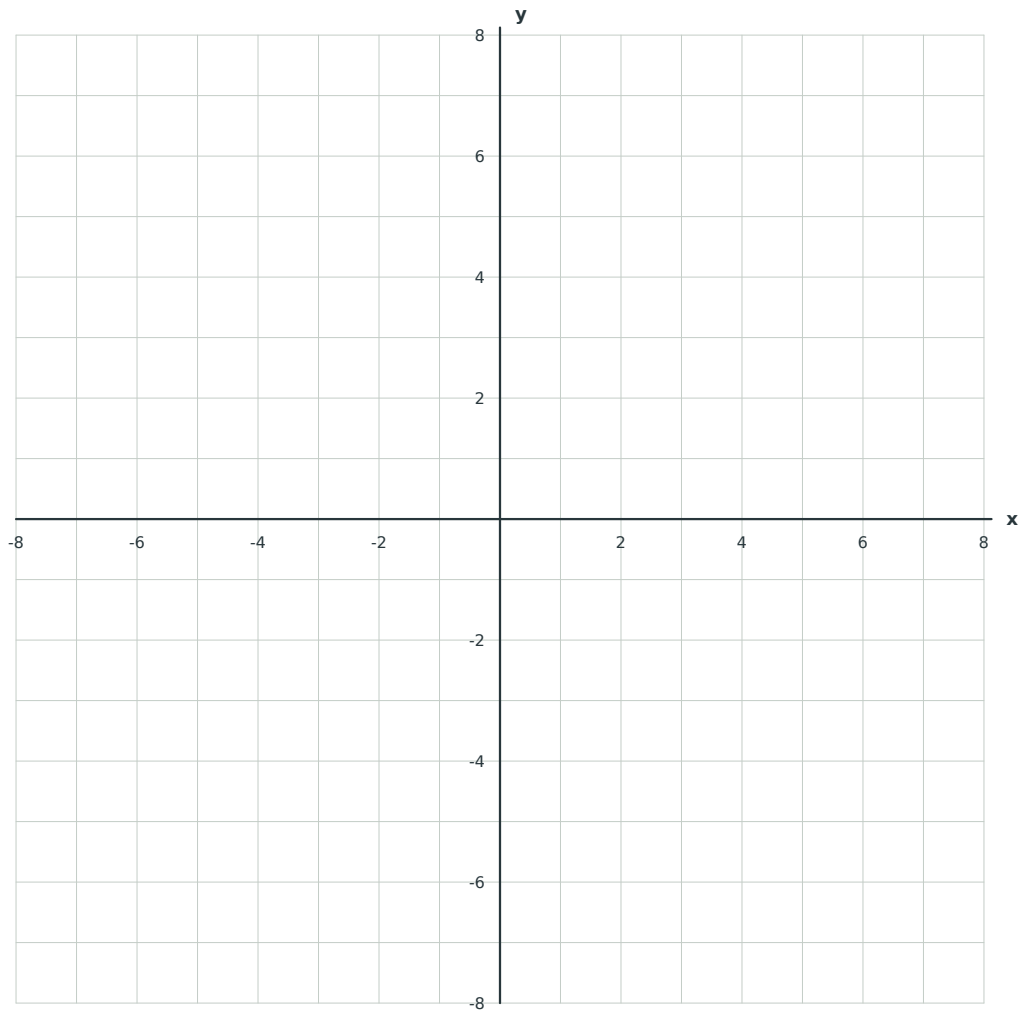


1. State the reflected coordinates. \_\_\_\_\_
2. Which points remain on an axis? \_\_\_\_\_
3. Connect corresponding vertices. \_\_\_\_\_

## Compare a point set

Plot the original point set, then apply the stated sign change. Join corresponding vertices in the same order.

Original points:  $[-5, 0]$ ,  $[-3, 2]$ ,  $[0, 4]$ ,  $[2, 1]$ ,  $[4, 3]$ ; reflect over y axis.



1. State the reflected coordinates. \_\_\_\_\_
2. Which points remain on an axis? \_\_\_\_\_
3. Connect corresponding vertices. \_\_\_\_\_