

Exercise 4

When examining the formula of a function that is the result of multiple transformations, how can you tell a reflection with respect to the x -axis from a reflection with respect to the y -axis?

Solution

The formula of a function that is reflected about the x -axis looks like this.

$$y = -f(x)$$

The formula of a function that is reflected about the y -axis looks like this.

$$y = f(-x)$$