Exercise 48

For the following exercises, determine whether the function is odd, even, or neither.

$$g(x) = \sqrt{x}$$

Solution

Plug in $-x$ for x and see if the result is either $g(x)$ or $-g(x)$.

$$g(-x) = \sqrt{-x} \neq g(x)$$
$$\neq -g(x)$$

Therefore, the function is neither even nor odd.