

Exercise 10

For the following exercises, find $f^{-1}(x)$ for each function.

$$f(x) = 3 - x$$

Solution

Switch the roles of x and y .

$$x = 3 - y$$

Solve for y .

$$y = 3 - x$$

Therefore,

$$f^{-1}(x) = 3 - x.$$

