## Exercise 7

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

$$
f(x)=x+3
$$

## Solution

Switch the roles of $x$ and $y$.

$$
x=y+3
$$

Solve for $y$.

$$
y=x-3
$$

Therefore,

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



