By convention, we normally write our rules in terms of x

$$\frac{y-15}{2}=f(y) \text{ as } \qquad \frac{x-15}{2}=f(x)$$

But, that's confusing having 2 f(x)'s

So we create new notation, identifying the inverse as

$$f^{-1}(x)=\frac{x-15}{2}$$

That is read the inverse of f is $\frac{x-15}{2}$.