

Interchanging the Domain & Range

The inverse function, a rule found by using the Order of Operations in reverse, allows us to go backwards. That is, if we know the cost (range), we could determine the number of rides (domain).

Summing this up. To find an inverse function, I used the Order of Operations in reverse using inverse operations – very much like we did when solving equations in the $ax + b = c$ format.

We then created *notation* to help clarify between a function and its inverse –

From that, we can see when we find the inverse, we are **interchanging the domain and range**, the x's and y's if we made an x-y chart.