

Find the inverse of  $f(x) = 5x + 3$

write the function  $\rightarrow 5y + 3 = x \leftarrow$   
using a "y"

set equal  
to "x"

$$\begin{aligned} 5y &= x - 3 \\ y &= \frac{x - 3}{5} \end{aligned}$$

rearrange  
to make y  
the subject

use  $f^{-1}$   
notation  $\rightarrow f^{-1} = \frac{x - 3}{5}$

# Algebra Inverse Functions

**Sachin Nambeesan**

## **Algebra Inverse Functions:**

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