



Fill In The Blanks...



Inverse Functions

$f(x)$	Write as $y = \dots$	Swap x and y	Make y the subject	Write as $f^{-1}(x) = \dots$
$f(x) = 3x - 1$	$y = 3x - 1$	$x = 3y - 1$	$x + 1 = 3y$ $\frac{x + 1}{3} = y$	$f^{-1}(x) = \frac{x + 1}{3}$
$f(x) = 2x + 5$				
$f(x) = x^2 + 8$				
$f(x) = \sqrt{x - 3}$	$y = \sqrt{x - 3}$	$x = \sqrt{y - 3}$	$x^2 = y - 3$	
$f(x) = \frac{x + 2}{7}$				
$f(x) = \frac{x}{3} - 5$				
$f(x) = \frac{9}{x}$				
$f(x) = \frac{4}{x + 3}$				