



Fill In The Blanks...



Three-Step Functions

Input	Function Machine			Output	Function
x	$\times 3$	-1	$\div 4$	$f(x)$	$f(x) = \frac{3x - 1}{4}$
x	$+2$	$\div 3$	square root	$f(x)$	
x	$+3$	square	-5	$h(x)$	
x	square root		$+1$	$f(x)$	$f(x) = 4\sqrt{x} + 1$
x	reciprocal			$g(x)$	$g(x) = 2\left(\frac{1}{x} - 3\right)$
x				$f(x)$	$f(x) = \frac{1}{3x} - 1$
x					$f(x) = \left(\frac{x + 2}{3}\right)^2$
x					$g(x) = \frac{1}{4x - 3}$