

Fill in the Blanks

Evaluating Two-Step Functions

Question	Input	Function Machine		Output
$f(x) = 2x - 1$ Find $f(5)$	5	$\times 2$	-1	9
$f(x) = 4x + 3$ Find $f(-3)$	-3	$\times 4$	$+3$	-9
$f(x) = x^2 - 5$ Find $f(4)$	4	square	-5	11
$g(x) = \frac{x + 3}{2}$ Find $g(11)$	11	$+3$	$\div 2$	7
$f(x) = \sqrt{x + 5}$ Find $f(4)$	4	$+5$	square root	3
$f(x) = \frac{x}{2} + 1$ Find $f(2.5)$	2.5	$\div 2$	$+1$	2.25
$f(x) = 3(x + 2)$ Find $f(-7)$	-7	$+2$	$\times 3$	-15
$h(x) = (x + 3)^2$ Find $h(-5)$	-5	$+3$	square	4
$f(x) = 4x^2$ Find $f(\sqrt{3})$	$\sqrt{3}$	square	$\times 4$	12
$f(x) = \frac{1}{x} + 9$ Find $f(2)$	2	reciprocal	$+9$	9.5
$f(x) = \frac{x - 1}{3}$ Find $f(10)$	10	-1	$\div 3$	3
$f(x) = \frac{1}{x + 2}$ Find $f(-7)$	-7	$+2$	reciprocal	$-\frac{1}{5}$