

Fill in the Blanks

Evaluating Composite One-Step Functions

Question	Input	1 st Function	2 nd Function	Output	Answer
$f(x) = 3x$ $g(x) = x - 1$ Find $fg(2)$	2	-1	$\times 3$	3	$fg(2) = 3$
$f(x) = 5x$ $g(x) = x + 3$ Find $gf(6)$	6	$\times 5$	+3	33	$gf(6) = 33$
$f(x) = x - 1$ $g(x) = x^2$ Find $fg(3)$	3	square	-1	8	$fg(3) = 8$
$f(x) = x + 9$ $g(x) = \sqrt{x}$ Find $gf(-5)$	-5	+9	square root	2	$gf(-5) = 2$
$f(x) = \frac{x}{2}$ $g(x) = x + 7$ Find $fg(4)$	4	+7	$\div 2$	5.5	$fg(4) = 5.5$
$g(x) = \sqrt{x}$ $h(x) = x - 3$ Find $gh(3.25)$	3.25	-3	square root	0.5	$gh(3.25) = 0.5$
$f(x) = \frac{1}{x}$ $g(x) = x^2$ Find $gf(0.4)$	0.4	reciprocal	square	6.25	$gf(0.4) = 6.25$