Fill In The Blanks...

Evaluating Composite One-Step Functions

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