Fill In The Blanks...

Composite One-Step Functions

Question	Input	1st Function	2nd Function	Output	Answer
$f(x) = 5x \quad g(x) = x + 2$ Find $fg(x)$	x	$+2$	$\times 5$	$fg(x)$	$fg(x) = 5(x + 2)$
$f(x) = 5x \quad g(x) = x + 2$ Find $gf(x)$	x	$\times 5$	$+2$		
$f(x) = x - 1 \quad g(x) = x^2$ Find $fg(x)$	x	$square$			
$f(x) = x + 3 \quad g(x) = \sqrt{x}$ Find $gf(x)$	x				
$f(x) = \frac{x}{2} \quad g(x) = x + 7$ Find $fg(x)$	x				
$g(x) = x - 4 \quad h(x) = \sqrt{x}$ Find $gh(x)$	x				
$f(x) = \frac{1}{x} \quad g(x) = x^2$ Find $gf(x)$	x				