Composition of Functions Practice

Simplify each composition

1. $h(x) = x - 1$

$g(x) = 6x + 3$

$h(g(x))$

$h(g(x)) = (_____) - 1$

2. $h(x) = x + 5$

$k(x) = 5x + 1$

$h(k(x))$

$h(k(x)) = (_____) + 5$

3. $f(x) = 3x + 6$

$g(x) = 2x + 3$

$f(g(x))$

$f(g(x)) = 3(_____) + 6$

4. $f(x) = 2x - 3$

$g(x) = 4x - 8$

$g(f(x))$

$g(f(x)) = 4(_____) - 8$

LIVEWORKSHEETS