

Name: \_\_\_\_\_  
PC: Evaluating Functions

Date: \_\_\_\_\_  
Ms. Loughran

**Evaluate each function.**

1)  $h(t) = |t + 2| + 3$ ; Find  $h(6)$

2)  $g(a) = 3^{3a-2}$ ; Find  $g(1)$

3)  $w(t) = -2t + 1$ ; Find  $w(-7)$

4)  $g(x) = 3x - 3$ ; Find  $g(-6)$

5)  $h(n) = -2n^2 + 4$ ; Find  $h(4)$

6)  $h(t) = -2 \cdot 5^{-t-1}$ ; Find  $h(-2)$

7)  $f(x) = x^2 - 3x$ ; Find  $f(-8)$

8)  $p(a) = -4^{3a}$ ; Find  $p(-1)$

9)  $p(t) = 4t - 5$ ; Find  $p(t - 2)$

10)  $g(a) = 4a$ ; Find  $g(2a)$

11)  $w(n) = 4n + 2$ ; Find  $w(3n)$

12)  $w(a) = a + 3$ ; Find  $w(a + 4)$

13)  $h(x) = 4x - 2$ ; Find  $h(x + 2)$

14)  $k(a) = -4^{3a+2}$ ; Find  $k(a - 2)$

15)  $g(n) = n^3 - 5n^2$ ; Find  $g(-4n)$

16)  $f(n) = n^2 - 2n$ ; Find  $f(n^2)$

17)  $p(a) = a^3 - 5$ ; Find  $p(x - 4)$

18)  $h(t) = 2 \cdot 3^{t+3}$ ; Find  $h(4 + t)$