Evaluating Functions

Date_____ Period____

Evaluate each function.

1) $f(t) = t^2 - 2$; Find $f(-4)$

2) $h(a) = 3a + 1$; Find $h(-3)$

3) $h(t) = 4t - 4$; Find $h(10)$

4) $w(n) = 2^{-n} - 3$; Find $w(0)$

5) $f(t) = -2 \cdot 2^t$; Find $f(0)$

6) $k(a) = a^3 + 4a^2 - 2a$; Find $k(1)$

7) $f(n) = n^2 + 4$; Find $f(-6)$

8) $h(n) = 3^{n+3}$; Find $h(0)$

9) $w(n) = 4n - 2$; Find $w(-4)$

10) $f(x) = -2x^3 + 2x^2$; Find $f(3)$

11) $f(n) = 2^{3n+1} - 1$; Find $f(-2)$

12) $h(a) = \frac{3}{2}a$; Find $h\left(\frac{1}{9}\right)$

13) $g(n) = -n - \frac{5}{3}n^2$; Find $g\left(\frac{6}{7}\right)$

14) $k(t) = \frac{3}{2}t + \frac{9}{5}$; Find $k\left(\frac{11}{9}\right)$

15) $f(t) = t^3 - 2$; Find $f\left(-\frac{5}{3}\right)$

16) $w(x) = 2x + \frac{1}{3}$; Find $w(-5)$

17) $f(x) = 1 - \frac{5}{3}x$; Find $f(2)$

18) $g(x) = x^2 - 1$; Find $g\left(-\frac{1}{5}\right)$

19) $k(x) = x^2 + 1$; Find $k(-2)$

20) $f(t) = 4^t + \frac{1}{3}$; Find $f(2)$