

Function Notation

Block: _____ Mark Out Of 17 _____

Evaluate each function.

1) $h(x) = 3x + 2$; Find $h(5)$

2) $f(x) = 4x + 1$; Find $f(-2)$

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

4) $g(x) = 3x + 1$; Find $g(-2)$

5) $k(x) = 3 \cdot 3^{-x} + 2$; Find $k(2)$

6) $f(a) = -5^{-a-1}$; Find $f(-2)$

7) $f(n) = 2^n$; Find $f(0)$

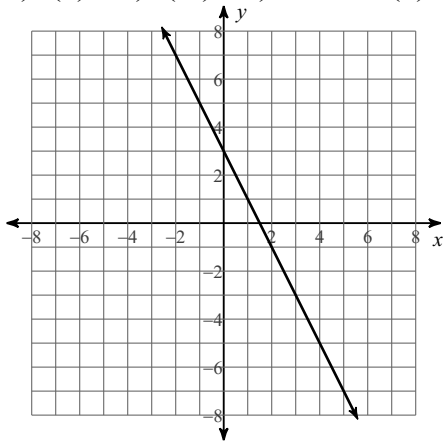
8) $g(n) = n^2 - 1$; Find $g(5)$

9) $f(x) = 4x - 5$; Find $f(a^2)$

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

11) Given the function $f(x)$ determine the value of:

- a) $f(0)$ b) $f(-2)$ c) x when $f(x) = -5$



12) Given the graph of $g(x)$ determine the value(s) of:

- a) $g(4)$ b) $g(-2)$ c) x when $g(x) = -2$

