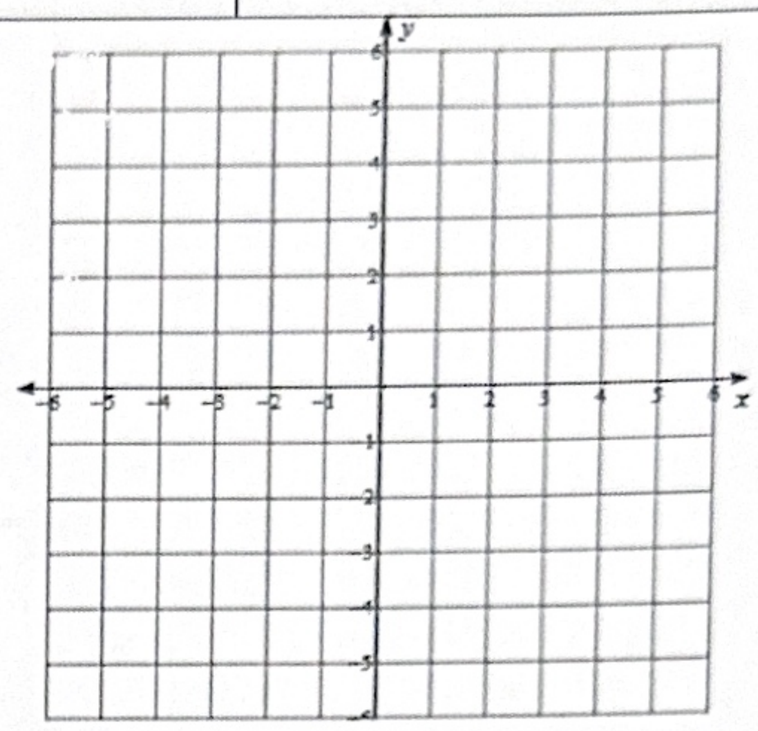
Unit 1B: 1: Function Notation Name: _____ Hr: _____

Directions: Convert from a (x, y) coordinate point to function notation.

1) (3, -4)	2) (-5, 6)	3) (0, 5)	4) (-6, 0)

5) Directions: Plot each point. Label with each letter.

A - f(2) = 5
B - f(0) = -4
C - f(-2) = 0
D - f(3) = -2
E - f(-2) = -1
F - f(4) = 1



Directions: Evaluate or find the solution. Express your answer in function notation.

6) $g(x) = -2x + 5$; *Find* $g(-5)$	7) $h(z) = \lvert -z - 3 \rvert + 1$; *Find* $h(z) = 3$	8) $b(n) = 2n^3 - 4$; *find* $b(-4)$
9) f(x) = 2x - 5; Find f(x) = -3	10) $g(u) = \lvert x - 10 \rvert$; *Find* $g(u) = 104$	11) $j(x) = -3\sqrt{3x}$; *Find* $j(30)$

Unit 1B: 1: Function Notation Name: _____ Hr: _____

12) $h(n) = 3\|2n - 15\| + 1; Find\ h(4)$	13) $f(x) = 2x^2 - 3x + 4; Find\ f(-3)$	14) $b(n) = -2\|n - 2\|; Find\ b(n) = -44$
15) $h(x) = \frac{2x-5}{3x}$; $Find\ h(-5)$	16) $f(m) = m^2 + 17m; Find\ f(m) = -60$	17) $f(l) = 2\sqrt{3l} + 3\sqrt{4l}; Find\ f(27)$
18. $f(x) = 5x - 3$: Find $f(4x)$	19. $f(x) = 3x + 4$: Find $f(x - 2)$	20. $f(x) = \|x\| + 5$; Find $f(x + 2)$
21. $f(x) = x^2 + 6$; Find $f(x - 5)$	22. $f(x) = -4x + 1$; Find $f(\frac{1}{2}x)$	23. $g(x) = (x - 4)^2 + 3$; Find $f(x + 4)$