			15
Name:	Date:	Period:	<u> </u>

Function Notation

Released STAAR question:

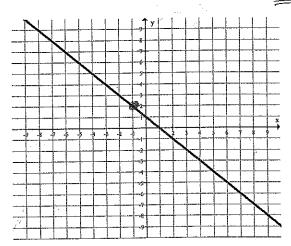
For the function, w, w(9) = -7 and w(-7) = 9. If y = w(x), what is the value of y when x = -7?

Record your answer and fill in the bubbles on your answer document.

Explore:

Note:
$$f(x) = y$$

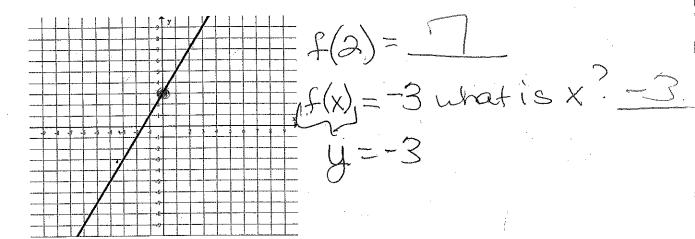
1) Look at the graph below. The value of f(-1) is 2.



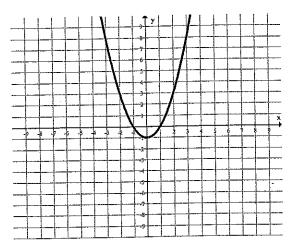
$$(-1,2)$$

$$f(1)=-3$$

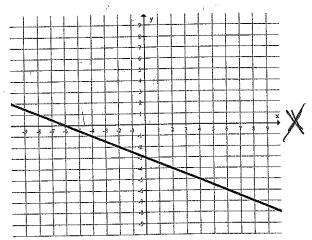
2) Look at the graph below. The value of f(0) is 3.



3) Look at the graph below. The value of f(3) is 8.



4) Look at the graph below. The value of f(-2) is 3.



- F(X)
- a. Write a sentence describing the meaning of f(-2).

 Then then value of X is -2, the

 function equals -2 (or y is -2)
- b. Write a sentence describing how to find f(x) for any value of x.

 Find the X-value on the X-axis go plant with your on the x-axis go plant with your on the x-axis.
- c. What is f(-4)? What is f(6)? What is f(-6)?