

Algebra II

3-4

Linear Functions

Linear Function -

$$f(x) = mx + b$$

Are all linear graphs functions? _____

Find an equation of the linear function f using the given information.

1) $m = 2; b = 3$

11) $m = -\frac{3}{2}; f(4) = -1$

13) $f(0) = 1; f(3) = 7$

Complete the table, given that g is a linear function.

23)

x	$g(x)$
3	4
1	-2
0	?
?	-8

27) $f(6) = 7$; $f(3) = 2$

$f(-3) =$ _____

$f(10) =$ _____

Assignment:

Pg. 149

1-30 all