

LESSON QUIZ ON TOPIC 3-2 LINEAR FUNCTION

Direction:

Find the linear function representing the given table of values

1.

x	2	4	6
f(x)	5	13	21

$$m = \square \quad b = \square$$

$$f(x) = \square x + \square$$

2.

x	3	5	7
f(x)	10	14	18

$$m = \square \quad b = \square$$

$$f(x) = \square x + \square$$

3.

x	-1	0	1
f(x)	5	2	-1

$$m = \square \quad b = \square$$

$$f(x) = \square x + \square$$

4.

x	1	4	7
f(x)	-6	-21	-36

$$m = \square \quad b = \square$$

$$f(x) = \square x + \square$$

5.

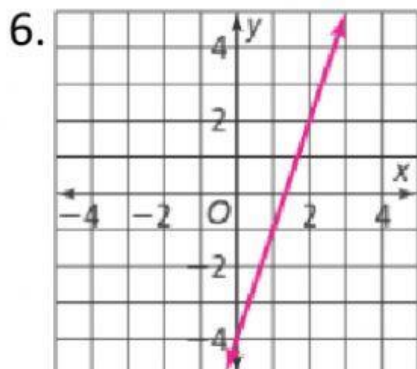
x	1	2	3
f(x)	1	-1.5	-4

$$m = \square \quad b = \square$$

$$f(x) = \square x + \square$$

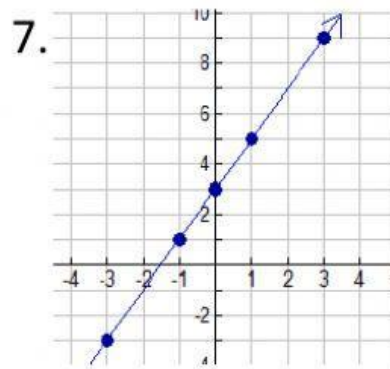
Direction:

Find the linear function representing the graphs below.



$$m = \square \quad b = \square$$

$$f(x) = \square x + \square$$



$$m = \square \quad b = \square$$

$$g(x) = \square x + \square$$

8-10. Refer to Item 6, find the value of $f(-2)$, $f(-3)$, and $f(-4)$, respectively.

$$f(-2) = \square$$

$$f(-3) = \square$$

$$f(-4) = \square$$