Day 1-Intro to Functions
Practice Assignment

Name: _____
Date: _____ **Block:** _____

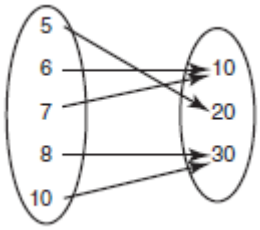
State the domain and range of the relation. Then determine if the relation is a function.

1.) {(1, 2), (4, 3), (5, 9), (- 2, 0)}

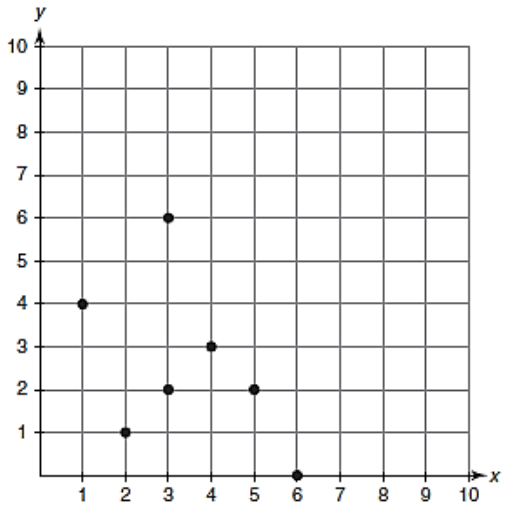
2.)

X	Y
8	1
6	2
5	3
8	4
7	5
3	3

3.)



4.)

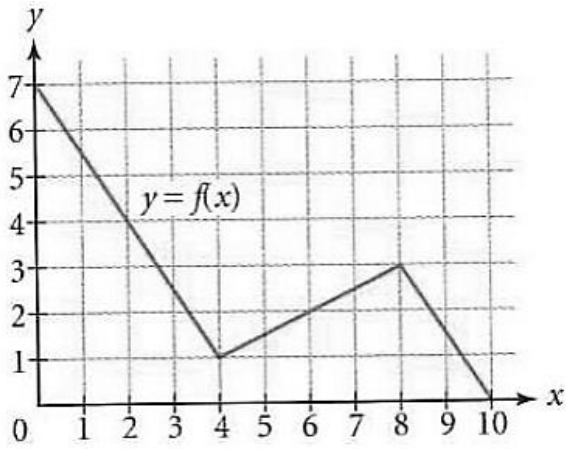


Evaluating the function and show proper function notation:

5.) For f(x) = 7x + 2, find f(0).

6.) For k(p) = $-\frac{1}{5}p+7$, find k(10).

7.) Evaluate the function for the given values:

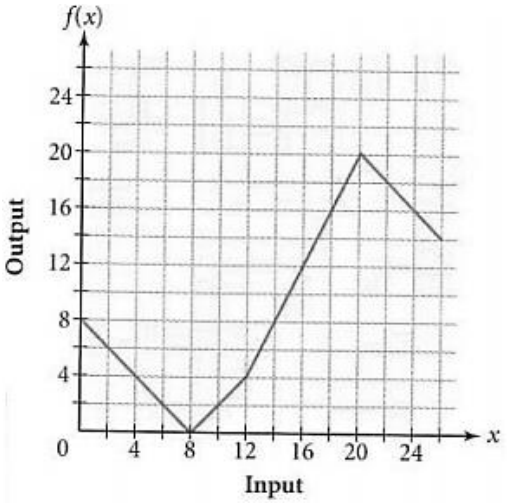


a. f(6) = _____ b. f(2) = _____

c. f(0) = _____ d. f(___) = 2.5

e. f(___) = 0 f. f(___) = 3

8.) Evaluate the function for the given values:



a. f(8) = _____ b. f(12) = _____

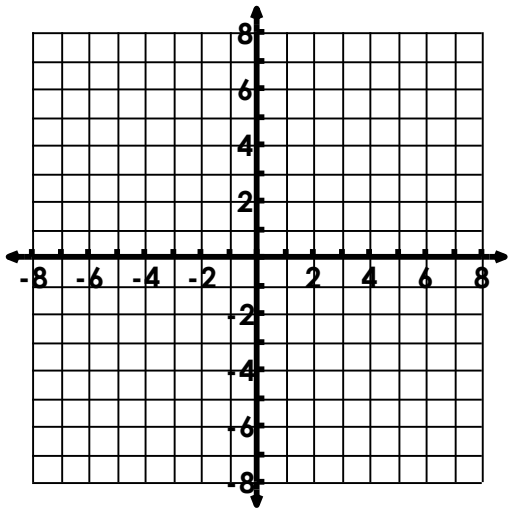
c. f(18) = _____ d. f(22) = _____

e. f(___) = 20 f. f(___) = 12

Graph the linear equation using a table of value. Use – 2, - 1, 0, 1, 2 as your input values.

9.) $g(x) = -3x - 4$

x (Input)		y (Output)



10.) $h(x) = \frac{1}{2}x - 2$

x (Input)		y (Output)