

Aldine 9: Algebra Homework #20

www.aldine9math.weebly.com

Assigned

Due

A: 10/28 Tues

A: 10/30 Thurs

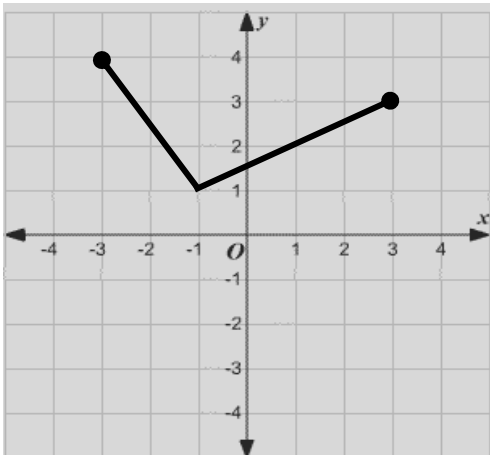
Name: _____

Period: _____

B: 10/29 Wed

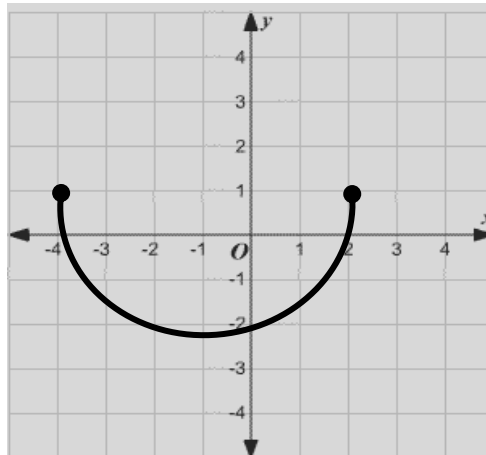
B: 10/31 Fri

1) What is the range of the graph?



_____ $\leq y \leq$ _____

2) What is the domain of the graph?



_____ $\leq x \leq$ _____

3) $f(x) = 4x + 1$

4) $f(x) = 10x - 5$

5) $f(x) = 1/2 x + 3$

$f(6) =$ _____

$f(0) =$ _____

$f(8) =$ _____

$f(11) =$ _____

$f(3) =$ _____

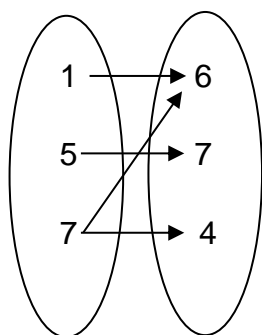
$f(0) =$ _____

$f(0) =$ _____

$f(2) =$ _____

$f(4) =$ _____

Write Function or NOT for #6 & #7.



x	f(x)
1	-5
3	-3
8	2
1	-5
15	9

6) _____

7) _____

8) Translate to a function rule.

A rose is currently 4 cm tall. It grows 2 cm per week. Let x = number of weeks. Which function would calculate the height of the rose?

F $f(x) = 2x + 4$

G $f(x) = 4x - 2$

H $f(x) = 2x - 4$

J $f(x) = 4x + 2$

