

Aldine 9: Algebra Homework #22

www.aldine9math.weebly.com

Assigned

A: 11/3 Mon

Due

A: 11/5 Wed

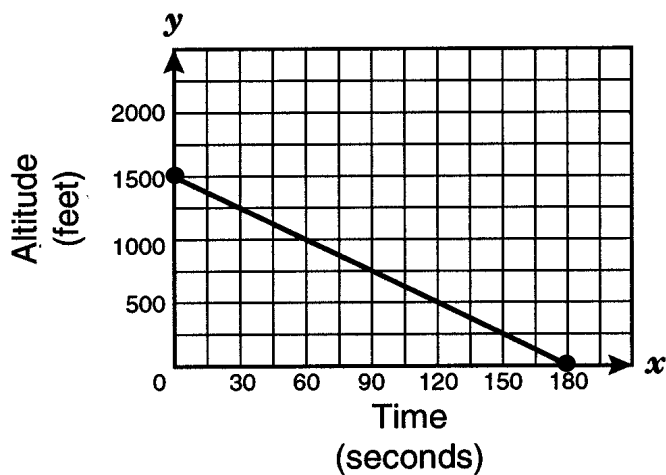
Name: _____

Period: _____

B: 11/4 Tues

B: 11/6 Thurs

Write the domain and range of the graph below.



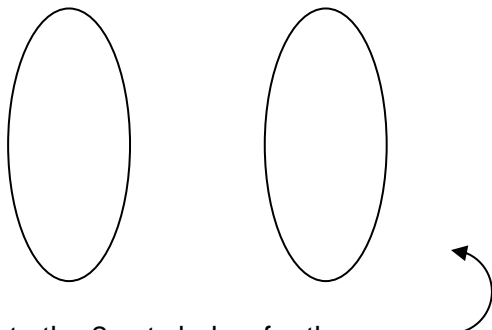
1) Domain (x values) _____ $\leq x \leq$ _____

2) Range (y values) _____ $\leq y \leq$ _____

3) For the function $f(x) = 9x - 4$, what is the value of x when $f(x) = 59$?

- F 6
- G 8
- H 7
- J 9

4) Create a mapping for $\{ (1, 4) (2, 5) (3, 5) \}$.



5) Complete the 2 sets below for the map.

Domain: { _____ }

Range: { _____ }

6) What is the range of the function $f(x) = 7x + 3$ when the domain is $\{ 1, 6, 8 \}$?

↪ This is how you start!
 $f(1) = 7(1) + 3 =$

7) Which point is on the graph of the function $f(x) = 4x - 2$?

- A (0, 4)
- B (1, 6)
- C (6, 30)
- D None of the above

8) Write the word each letter represents.

R	_____
O	output
Y	y values
D	_____

D	_____
I	input
X	_____
I	_____