

Name: _____

Unit 4

Date: _____

WS #1 Finding the rate of change

10	100

a. Find the rate of change from the Pair of Points

1) (-1,-5) (0,5)

2) (-5,1) (5,-4)

3) (-1,3) (4,-2)

4) (4,5) (1,-3)

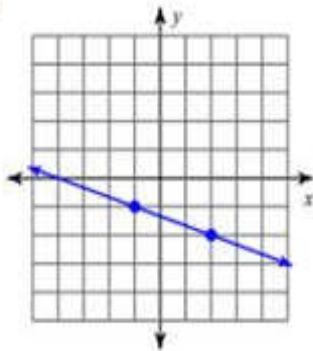
b. Find the rate of change using the tables of values.

x	y
2	14
5	35
7	49
10	70

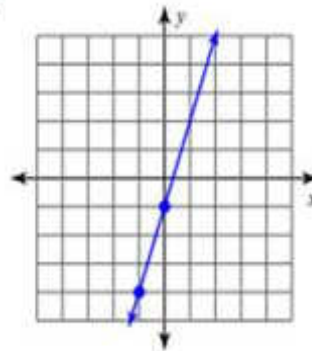
x	y
-10	50
-2	10
4	-20
14	-70

c. Find the rate of change for the following.

1)



2)



d. Find the missing coordinate using the given slope.

1) (6, 9) and (u, -4)
Slope = $\frac{13}{9}$

u = _____

2) (a, 2) and (5, -6)
Slope = 8

a = _____