

Aldine 9: Algebra Homework #25

www.aldine9math.weebly.com

Assigned

A: 11/13 Thurs

Due

A: 11/17 Mon

Name: _____

Period: _____

B: 11/14 Fri

B: 11/18 Tues

- 1) Find the slope of a line passing through the 2 points below.

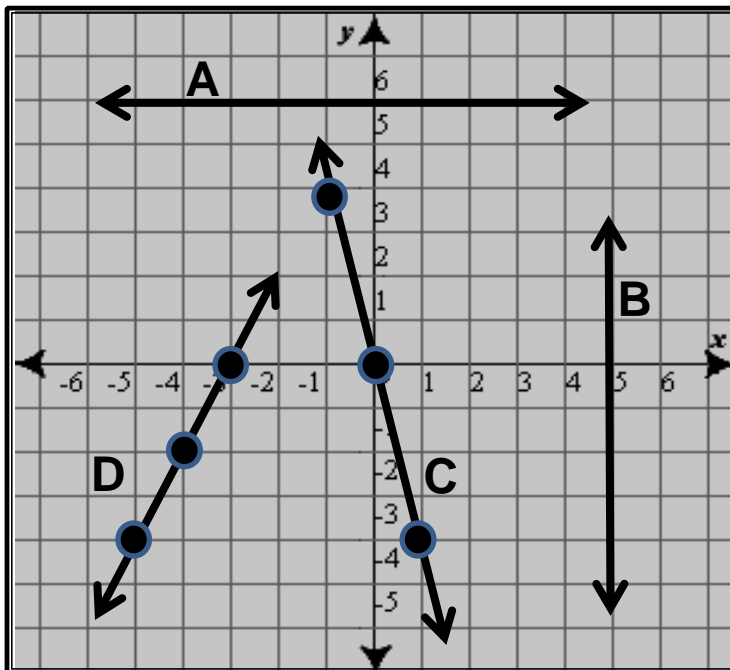
$(5, 7)$ and $(1, 3)$

- 2) What is the rate of change?

Rows	People
2	12
4	18
5	21
7	27

- A 1
B $1/2$
C -1
D -2

- F 3 people per row
G 6 people per row
H 4 people per row
J None of the above



Write the slope for each line.

3) Line A: _____

4) Line B: _____

5) Line C: _____

6) Line D: _____

- 7) What is the function rule for the table?

x	f(x)
2	10
5	28
8	46
11	64

- A $f(x) = 5x$
B $f(x) = 6x - 2$
C $f(x) = 4x + 2$
D $f(x) = 2x + 6$

- 8) Use the function rule you picked in problem #7 to find $f(6)$.

$$f(6) = \underline{\hspace{2cm}}$$