

Sept 12 Alg I

Represent Functions As Rules And Tables
Represent Functions As Graphs

Agenda

1. Collect Old HW
2. Notes
3. Vocab
4. p 38 3-21 odds
5. p 46 3-16 all
6. Chapter 1 Test on Friday, Sept 16

P38 #3
D: {0, 1, 2, 3}
R: [5, 7, 15, 44]

Key To Graphing

(x, y)

x $\left\{ \begin{array}{l} \text{pos - right} \\ \text{neg - left} \end{array} \right.$
y $\left\{ \begin{array}{l} \text{pos - up} \\ \text{neg - down} \end{array} \right.$

#7 p 38
 $\frac{1}{2} \rightarrow 0$
 $\frac{2}{3} \rightarrow 1$
 $\frac{3}{4} \rightarrow 3$
 $\frac{4}{5} \rightarrow 5$

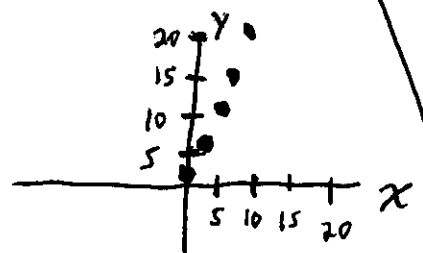
Vocab

16. Function
17. Domain
18. Range
19. Independent Var.
20. Dependent Var.

NOT A Function

p46 #5
 $y = 2x + 2$
D: [0, 2, 5, 7, 10]

x	y
0	2
2	6
5	12
7	16
10	22



p39 #15

x	y
4	7.5
5	8.5
7	10.5
8	11.5
12	15.5

$y = x + 3.5$

p46 #12
D: [0, 1, 2, 3]
R: [1, 1.5, 2, 2.5]
 $y = \frac{1}{2}x + 1$

Try
Adding
Subtracting
Multp.
Div.
Fractions

p39 #21

x	15	20	21	30	42
y	7	12	13	22	34

$y = x - 8$