Assessment Review day 2

14 M.C
9 Short Response
23 total

Chapter 6.6 & 6.7

Section 6.6

Creating table of values

py 353

$C = 2n + 11$ for $n = 0, 1, 2, 3$

C is cost of pizza
n is # of toppings

a)

x: n	y: C	
0	11	
1	13	+2
2	15	+2
3	17	+2
4	19	
5	21	

(+1 from 0 to 1; +1 from 1 to 2)

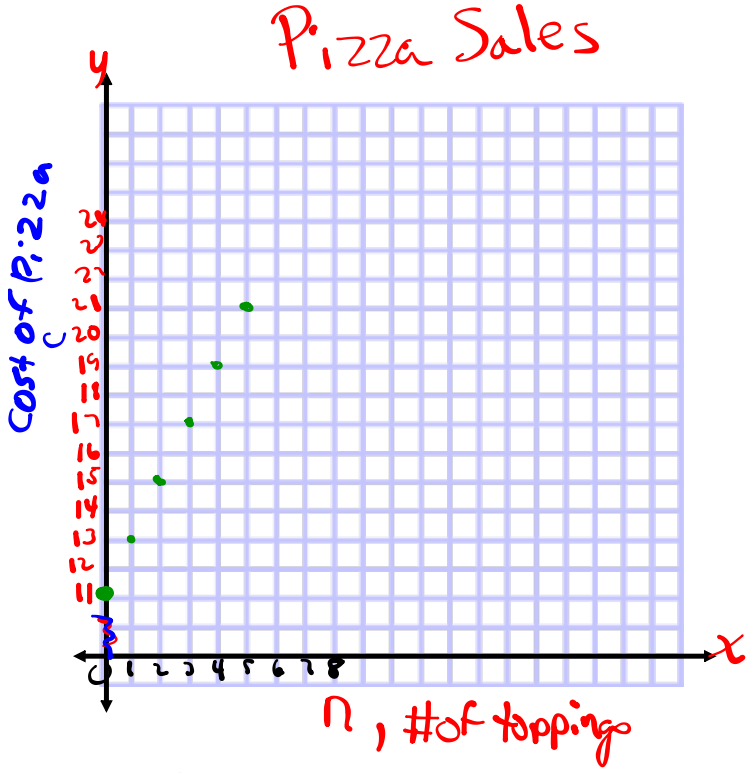
$n = 0$
$C = 2(n) + 11$
$= 2(0) + 11$
$= 0 + 11$
$= 11$

$n = 1$
$C = 2n + 11$
$= 2(1) + 11$
$= 2 + 11$
$= 13$

$n = 2$
$C = 2n + 11$
$= 2(2) + 11$
$= 4 + 11$
$= 15$

b) Describe the relationship

As the 'n', number of toppings, increases by 1, the Cost, C, increases by 2.



made a straight line of dots

c) Can you connect the dots?

No because you cannot sell half a topping.

To decide if a graph is connect (continuous) or discret (dot), you ask yourself if you can have part or half of the objects the graph is talking about.

page ...

11) a b

Find missing value

$y = -3x + 5$

(x, y) ordered pair

a) $(-8, \_)$

(x, y)

So given $x = -8$

find y

$y = -3(x) + 5$

$-3(-8) + 5$

Follow BEDMAS

$= 24 + 5$

$y = 29$

$(-8, 29)$

b) $(12, \_)$

$y = -3(x) + 5$

$= -3(12) + 5$

$= -36 + 5$

$y = -31$

$(12, -31)$

$y = -3x + 5$

a) $(-8, \frac{?}{y})$ missing 'y'

x

$y = -3x + 5$

$-3(-8) + 5$

$+24 + 5$

$+29$

$(-8, +29)$

b) $(12, \frac{?}{})$

$y = -3x + 5$

$-3(12) + 5$

$-36 + 5$

-31

$y = 2x + 7$

$(\_, -34)$ → given y

x missing

$-34 = 2x + 7$

isolate 'x' → get it alone

$-34 - 7 = 2x + 7 - 7$

$-41 = 2x$

$\frac{-41}{2} = \frac{2x}{2}$

$-20.5 = x$

Ex3) $y = 3x + 7$ describe the relation?

Need a chart

x	y
0	7
1	10
2	13
3	16
4	19

+1, +1, +1, +1 (x) ; +3, +3, +3, +3 (y)

As x increases by 1 the y increases by 3

$x = 0$

$y = 3(x) + 7$

$y = 3(0) + 7$

$= 0 + 7$

$y = 7$

$x = 1$

$y = 3(x) + 7$

$3(1) + 7$

$3 + 7$

10

$x = 2$

$y = 3(x) + 7$

$3(2) + 7$

$6 + 7$

13

Yesterday

pg 15 → #1, 3, 8, 9 (No cal for all)

pg 16 → 5

pg 17 → 4

page 20 → 4, 5, 6, 8

page 23 → ~~3~~, 1, 2, 3, 4, 5

Today

page 24 → 25, 26, 27

page 26 → 41, 42

page 27 → 1, 2

Pag 29 → 21, 22

page 30 → 1, ~~2~~, 3, 4

25 x 36
↓doub ↓half
50 x 18
↓doub ↓half
100 x 9
900

	20	5	
30	20x30 = 600	30x5 = 150	600
6	6x20 = 120	6x5 = 30	150
			120
			30
			900

Questions

7, 8, 9, 10, 11, 17, 19, 23, 24, 30, 31 34

pg 12 # 1, 2, 3, 5, '

pg 16 #5

pg 17 #1, 3

pg 18 #7, 8