

# Assessment Review day 2

## Chapter 6.6 & 6.7

14 MC

9 Short

Responses

23 total

### Section 6.6

Creating table of values  
pg 353

$$C = 2n + 11$$

n	C
0	11
1	13
2	15
3	17
4	19
5	21

C is Cost of pizza  
n is # of toppings

$$\left. \begin{array}{l} n=0 \\ C=2(n)+11 \\ =2(0)+11 \\ =0+11 \\ =11 \end{array} \right\} C=2n+11$$

$$\left. \begin{array}{l} n=1 \\ C=2(n)+11 \\ =2(1)+11 \\ =2+11 \\ =13 \end{array} \right\}$$

$$\left. \begin{array}{l} n=2 \\ C=2(n)+11 \\ =2(2)+11 \\ =4+11 \\ =15 \end{array} \right\}$$

b) Describe the relationship

As the 'n', number of toppings, increase 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.

page 357

11) & 12)  
Find missing value  
 $y = -3x + 5$

 $(x, y)$ 

a)  $(-8, \underline{\hspace{1cm}})$

 $(x, y)$ 

so given

$x = -8$

find  $y$ 

$y = -3(x) + 5$

$\downarrow$   
 $-3(-8) + 5$

follow BEDMAS

$= 24 + 5$

$\boxed{y = 29}$

 $(-8, 29)$ 

b)  $(12, \underline{\hspace{1cm}})$

$$\begin{aligned}
 y &= -3(x) + 5 \\
 &= -3(12) + 5 \\
 &= -36 + 5
 \end{aligned}$$

$\boxed{y = -31}$

 $(12, -31)$

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

Need a chart

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

As  $x$  increases by 1  
the  $y$  increases by 3

$$\left. \begin{array}{l} x=0 \\ y=3(x)+7 \\ y=3(0)+7 \\ =0+7 \\ y=7 \end{array} \right\} \begin{array}{l} x=1 \\ y=3(x)+7 \\ 3(1)+7 \\ 3+7 \\ 10 \end{array}$$

$$\left. \begin{array}{l} x=2 \\ y=3(x)+7 \\ 3(2)+7 \\ 6+7 \end{array} \right\} 13$$

yesterday

pg 15 → #1, 3, 8, 9 (No calc for all)

pg 16 → 5

pg 17 → 4

page 20 → 4, 5, 6, 8

page 23 → 1, 2, 3, 4, 5

Today

page 24 → 25, 26, 27

page 26 → 41, 42

page 27 → 1, 2

page 29 → 21, 22

page 30 → 1, 2, 3, 4

$$\begin{array}{ccc}
 25 & \times & 36 \\
 \downarrow \text{doub} & & \downarrow \text{half} \\
 50 & \times & 18 \\
 \downarrow \text{doub} & & \downarrow \text{hal} \\
 100 & \times & 9 \\
 \boxed{900}
 \end{array}$$

20	5		
30	$\frac{20 \times 30}{= 600}$	$\frac{30 \times 5}{= 150}$	600 150
6	$\frac{6 \times 20}{= 120}$	$\frac{6 \times 5}{= 30}$	120 30

$\boxed{900}$