

1.

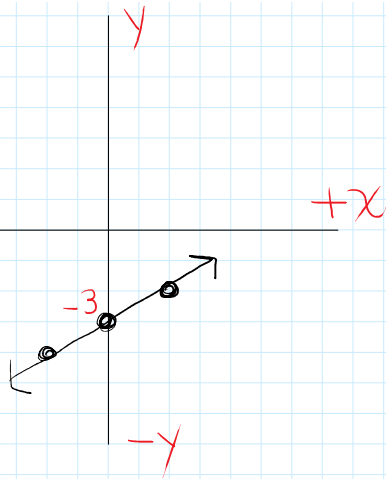
x	y
-2	-4
0	-3
2	-2

$y_{int} = -x$

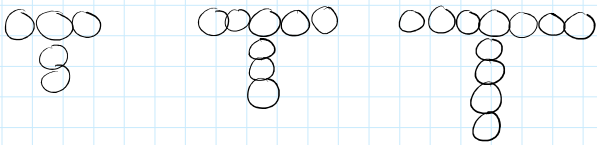
Run: 2 Rise: +1
 $y_{int} = -3$

Eqn: $y = mx + b$

$y = \frac{1}{2}x - 3$



2. Figure 1 Figure 2 Figure 3



a) T.O.V

b) Eqn:

when $x=0$

c) how many circles are in the 12th figure?

Fig.#	#Circ
1	5
2	8
3	11

$y = mx + b$
 $C = \frac{3}{1}F + 2$
 $C = 3F + 2$

$F = 12$
 $C = 3(12) + 2$
 $36 + 2$
38 circles

Run: 1 Rise: +3
 $y_{int} = 2$

3.



Row 1



Row 2



Row 3

a.) T.O.V

b.) EQN

d) What row has 96 Bricks?

Row	#Br.
0	8
1	10
2	12

$y = mx + b$

$B = 2R + 8$

c) How many bricks in

$96 = 2R + 8$
 -8

$88 \div 2$

$R = 44$

1	10
2	12
3	14

Run: 1 Rise: 2
y-int: 8

c) How many bricks in row 34?

$$2(34) + 8$$

$$68 + 8$$

$$\textcircled{76}$$

$$88 \div 2$$

$$\textcircled{R=44}$$

Fridays Quiz has:

2 Q with a pattern \rightarrow you make TOV, eqn
find amount

1 Q give TOV you find eqn

1 Q give eqn you make graph & TOV

Today p 217 # 4-7, 10

★ refer to p 212-215 for help or
website ★