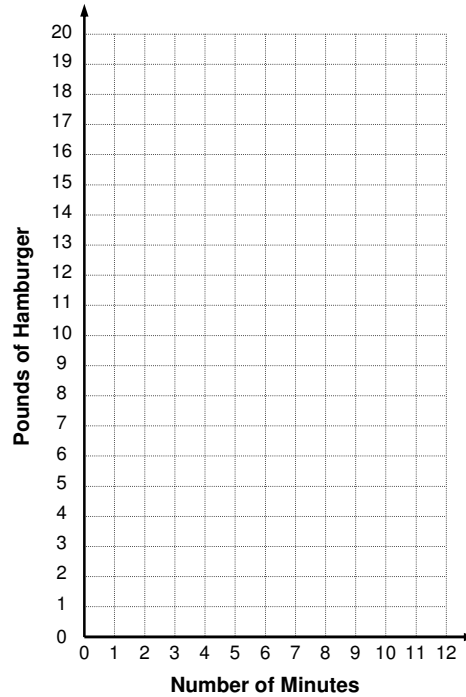


Working With Tables: Classwork

1. a. Complete the graph to match the table.

Number of Minutes	Pounds of Hamburger
0	5
3	7
6	9
9	11
12	13



- b. What is the y -intercept of your line?

How could you have determined your y -intercept from looking at just the table?

- c. What is the slope of your line?

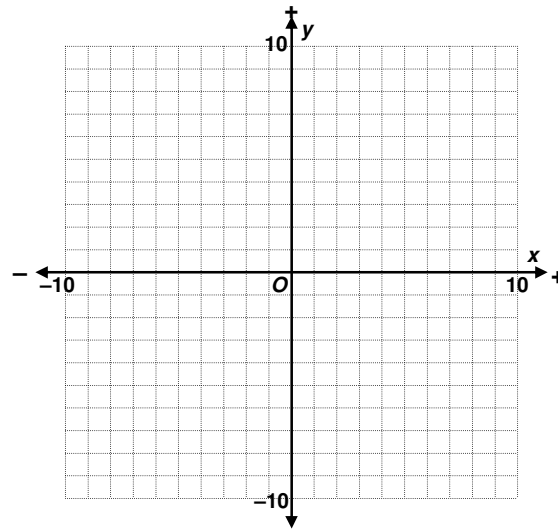
How could you have determined your slope from looking at just the table?

- d. Write an equation to match the table.

- e. Write a story to match the table, then title the graph and table.

2. The table below shows a linear relationship.

x	y
-2	8
0	5
2	2
4	-1
6	-4



- a. Plot the points and draw the line.
- b. Write an equation to match the table.
- c. How could you have determined your y -intercept from looking at just the table?

How could you have determined your slope from looking at just the table?

3. Jessie has some Justin Bieber posters. She plans to buy the same amount more each week.

Number of Weeks	Number of Posters
0	11
2	17
4	23
6	29
8	35

- Find the y -intercept. What does it mean in the context of the story?
- Find the slope. What does it mean in the context of the story?
- Write an equation for the table.

4. a. Graph each table.

Table A

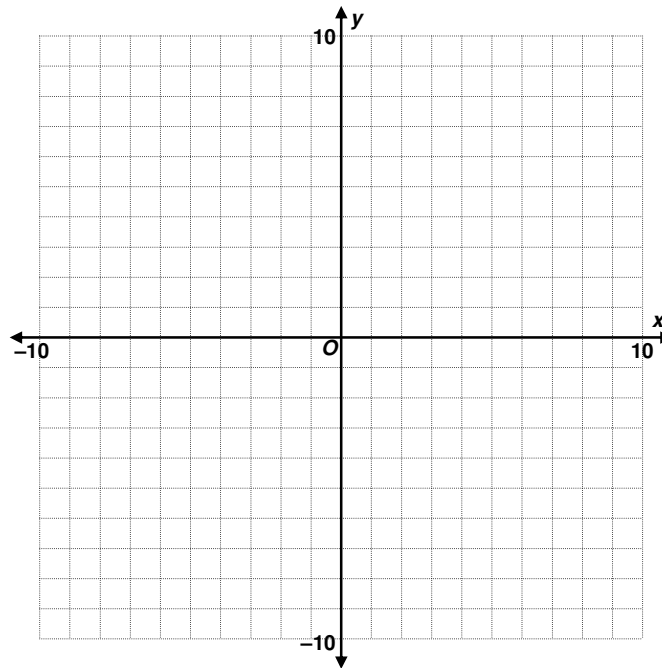
x	y
-6	5
-3	4
0	3
3	2
6	1

Table B

x	y
-1	-10
1	-5
3	0
5	5
7	10

Table C

x	y
-9	-8
-5	-5
-1	-2
3	1
7	4



- b. Now write an equation for each of the tables.

5. Today is Luke's birthday and his parents gave him some money as a birthday gift. Luke plans to put his birthday money in a safe place and add his allowance to it each week.

- After six weeks, he will have a total of \$183.
- After eleven weeks, he will have a total of \$273.

- Show at least two different ways to solve the following:
 How much money is Luke planning to save each week?
 How much birthday money did Luke's parents give him for his birthday?

- Write an equation for the total amount of money Luke will have saved m after w weeks.

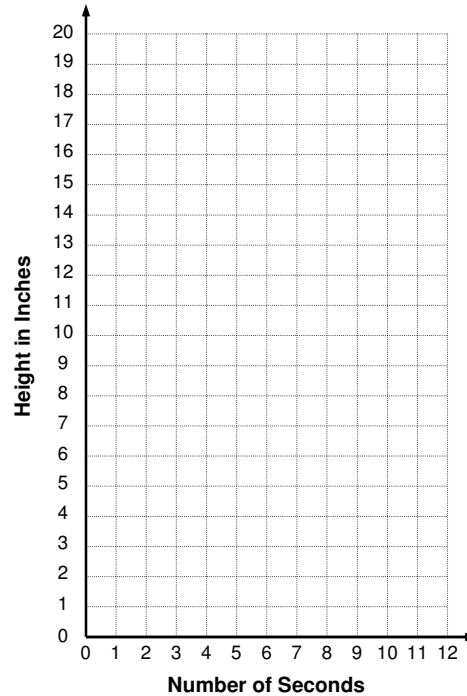
Working With Tables: Homework

6. a. Complete the graph to match the table.

Number of Seconds	Height in Inches
0	3
3	7
6	11
9	15
12	19

- b. Write an equation to match the table.

- c. Write a story to match the table, then title the graph and table.



7. Zuri likes to drink the same amount of milk each day. She has already drank some.

- a. Find the y -intercept. What does it mean in the context of the story?
- b. Find the slope. What does it mean in the context of the story?

Number of Days	Gallons of Milk Drank
0	3
1	5
2	7
3	9
4	11

- c. Write an equation for the table.

8. Ravi has some fish in his refrigerator. Each week, he eats the same amount of fish.

- a. Find the y -intercept. What does it mean in the context of the story?
- b. Find the slope. What does it mean in the context of the story?

Number of Weeks	Number of Fish Left
0	46
1	38
2	30
3	22
4	14

- c. Write an equation for the table.