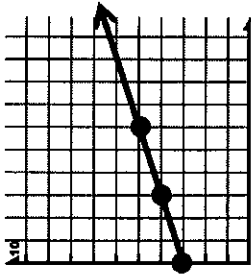


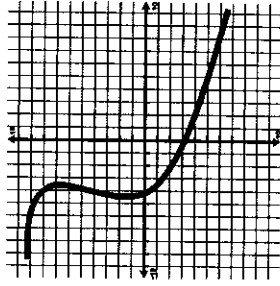
1. Circle the function with the greatest rate of change. Justify your answer.



x	y
2	2
3	5
4	8

**Days
13 & 14**

1. Make two observations about the graph below.

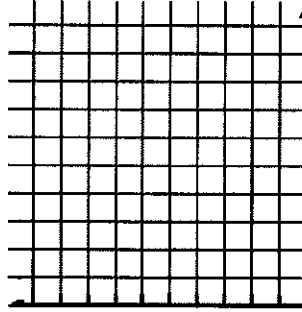


2. Explain whether or not the table below represents a functional relationship.

x	y
4	3
5	3
6	3

2. A tour guide charges \$20 per tour, plus \$10 per hour. Write an equation that represents the total cost, c , based on the number of hours, h of the tour.

3. Graph the expression from #2.



3. A line passes through $(2, 0)$ and $(-2, 8)$. What is the equation of the line?

4. A theater teacher charges \$10 for the first hour of lessons. She charges \$12 for hour two, \$15 for hour three, \$18 for hour four, etc. Do her prices reflect a linear relationship?

_____ Dates _____

My score:

1 2 3 4

My score:

1 2 3 4

1. Circle the function with the greatest rate of change. Justify your answer.

$$y = 4x - 7$$

x	y
1	2
5	3
9	4

2. Write an equation that models the linear relationship shown below.

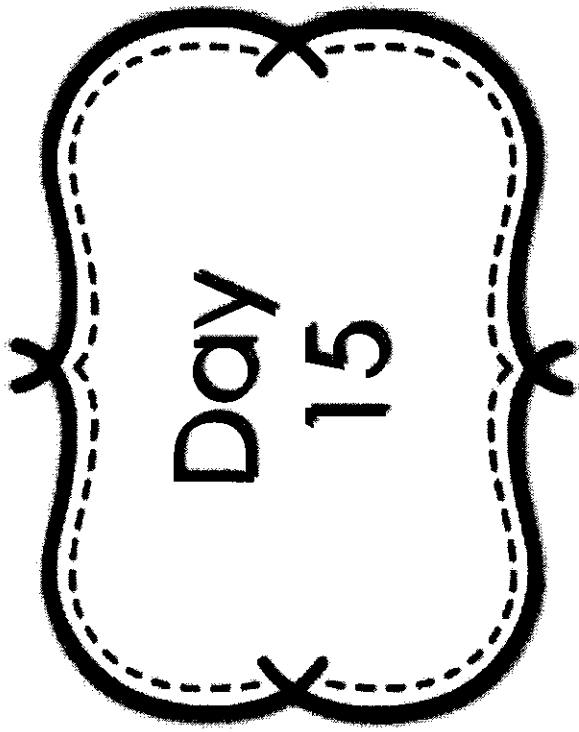
x	y
1	2
4	4
7	6
10	8

3. What is the slope of the line represented by the equation below?

$$y = -\frac{3}{4}x + 4$$

My score:

1 2 3 4



My 15 day total score:

_____ / 60

Date _____