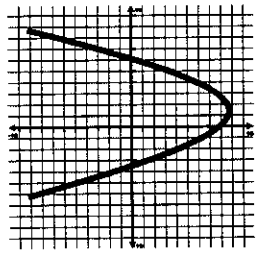
Days 9 & 10

Dates _____ & _____

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

x	y
-2	6
-1	12
0	18
1	24

2. Does the graph below represent a functional relationship? Explain.



3. Circle the equation that represents a functional relationship. Justify your answer.

$y = 6$

$x = 6$

My score: 1 2 3 4

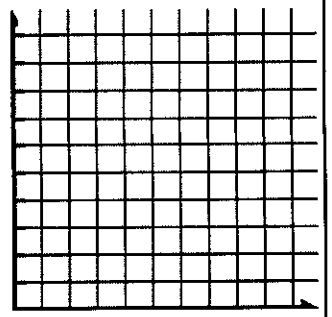
1. Circle the table that represents a functional relationship. Justify your answer.

x	y
-2	5
-1	10
0	15
1	20

x	y
3	1
0	3
3	5
6	7

2. Colin has a $100 gift card to a coffee store. He spends $5 a day on coffee. Write an expression to represent the total balance, b, based on the number of days, d, Colin gets coffee.

3. Graph the equation from #2.



My score: 1 2 3 4

Days 11 & 12

Dates _____ & _____

1. A line passes through (0, 10) and (3, 8). What is the equation of the line?

2. Identify two ordered pairs that lie on the line represented by the equation ½x + 3y = 15.

3. Circle the table that represents a functional relationship. Justify your answer.

x	y
3	4
4	4
9	4

x	y
5	2
0	3
5	4

My score: 1 2 3 4

1. A line has a y-intercept of 15 and passes through the point (-2, -5). What is the equation of the line?

2. Is the function below linear or non linear?

x	y
4	5
8	6
12	8
16	11

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

¼x + 8y = 16

4. Is the function below linear or non linear?

$y = 2x^3 + x^2 + 3x - 8$

My score: 1 2 3 4