Name:_____ H1L1 Date:_____

Accordino-Math 7 Period:_____

Lesson 1: Graphing Linear Equations Using a Table of Values Notes

Directions: For each linear equations below, create a table of values and then graph the coordinates on a separate sheet of graph paper.

1)

Linear Equation: $y = 5x + 5$

X	Y
0	
1	
2	
3	

2)

Linear Equation: $y = 5x - 2$

X	Y
0	
2	
4	
6	

3)

Linear Equation: $y = 4x - 3$

X	Y
0	
1	
2	
3	

4)

Linear Equation: $y = \frac{2}{5}x + 1$

X	Y
0	
1	
5	
10	

5)

Linear Equation: $y = 15x + 2$

X	Y
0	
1	
2	
5	

6)

Linear Equation: $y = \frac{5}{4}x + 3\frac{3}{4}$

X	Y
0	
1	
2	
3	
10	

Question to Ponder:

How do these graphs compare to those done yesterday?

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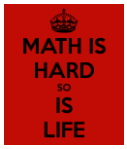


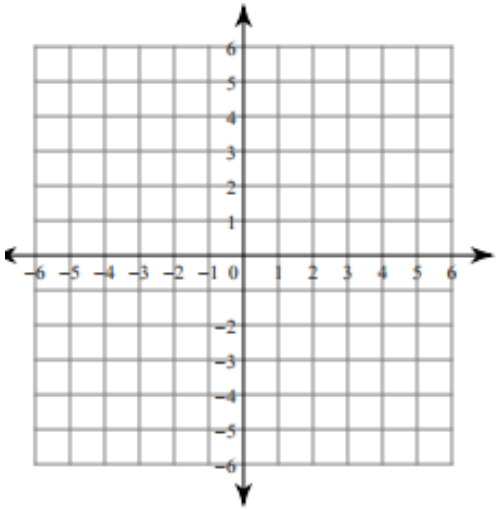
Homework:

For each linear function below, create a table of values and graph the resulting points on the coordinate grid provided.

1)

Linear Equation: $y = 3x - 4$

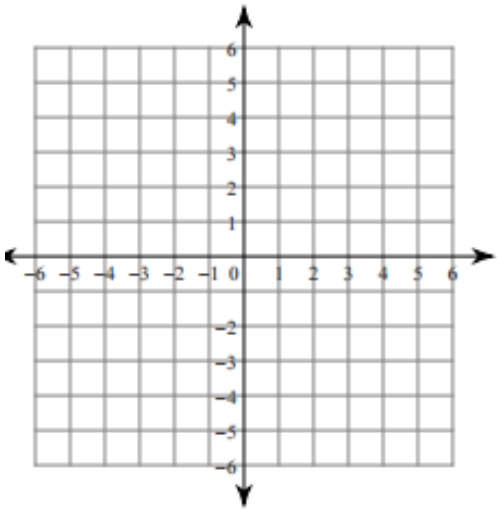
X	Y
0	
1	
2	
3	



2)

Linear Equation: $y = x$

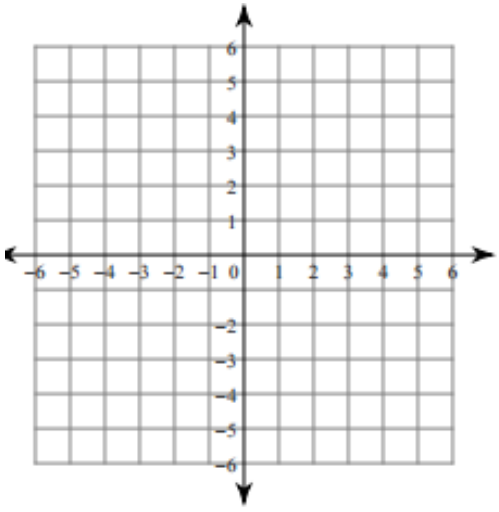
X	Y
0	
2	
4	
6	



3)

Linear Equation: $y = 3x - 1$

X	Y
0	
1	
2	
3	



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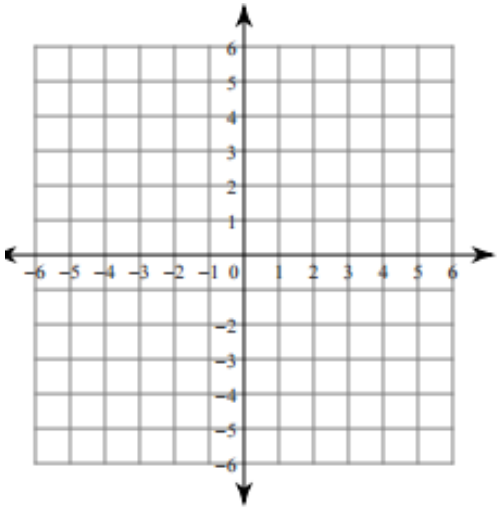
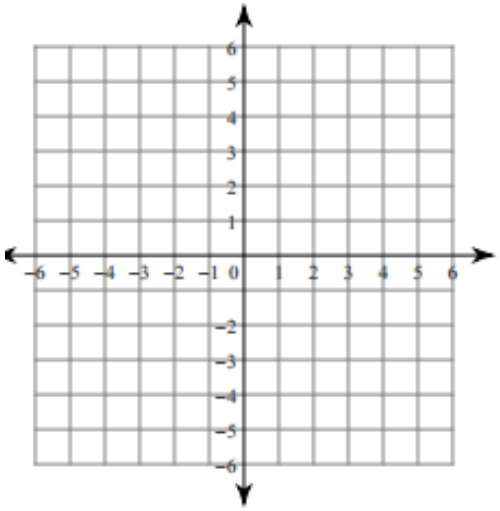
4) Linear Equation: $y = \frac{1}{2}x - 2$

X	Y
0	
2	
4	
6	



***5)* Linear Equation:** $y = \frac{1}{3}x + 3$

X	Y
0	
3	
6	
9	



Review:

6) The drawing of a building, shown below, has a scale of 2 inch to 5 feet.

What is the actual height, in feet, of the building?

4.5 in.