Directions: You will choose **_one_** option from the choices below to complete, per NTI day. For example, for NTI day 4, you will complete only one choice. On NTI day 5, you will choose a choice that you haven't already completed. You will bring the finished product/answers to school with you on the next day that we return to school. There is a parental consent option - your parent/guardian may provide a written statement stating that you completed the work. The statement must be signed and dated, along with the choice number that you completed.

Choice #1

Draw a coordinate graph. Label the x and y axis and each quadrant. After you have labeled your graph plot and label the following points.

A (-4, 2)
B (1, 5)
C (-3, -1)
D (3, -5)

Choice #2

Find the unit rate for each product and determine which is the better buy.

Oreos   Chips Ahoy
$2.98 for 15 oz $2.50 for 14 oz

Doritos   Cheetos
$4.39 for 11.5 oz $2.24 for 9.75 oz

Now create your own problem and find the better buy.

Choice #3

Snowfall (inches)	10	20	30
Hours	2	4	6

How much snowfall fell per hour?

How much snow would be recorded at 10 hours?

Choice #4

Order the snowfall totals from least to greatest.

Week 1   6.3 inches

Week 2   5.8 inches

Week 3   6.1 inches

Week 4   5.9 inches

Week 5   6.2 inches

Choice #5

You are making lemonade. The ratio of water to lemonade is 2 : 2.5. Fill in the missing values on the chart.

Water (cups)	2			
Lemonade (cups)	2.5			

Choice # 6

The town is doing a renovation project. Currently, the mall is located at point (3,1) on the coordinate plane. If the mayor decides to move the mall 3 points to the right and 2 points up, where would the mall now be located? Draw a coordinate plane, showing the original AND new location of the mall.