

Name: _____

Data Detectives

Congratulations! You have accepted the mission. Your job is to mind and manipulate all of the requested data. You will be rewarded with a grade for your work on this special assignment!

Mission #1:

Track the 7 – day weather forecast for Brunswick, as well as, your favorite city. Some ideas might be San Francisco, CA; Atlanta, GA; Orlando, FL; or Anchorage, AK. To accomplish this task, you may use a newspaper, Weather Channel, or the online forecast.

Brunswick:

Other City: _____

Day #1

Day #2

Day #3

Day #4

Day #5

Day #6

Day #7

Use this data to:

1.) Find the mean of each cities temperatures.

Brunswick: _____ Other City: _____

2.) Find the median temperature of each city.

Brunswick: _____ Other City: _____

3.) Find the range of the temperature.

Brunswick: _____ Other City: _____

4.) Which city had the larger range?

5.) Is there a mode temperature? If so, what is it?

Brunswick: _____ Other City: _____

6.) Find the IQR of the temperatures.

Brunswick:

Other City:

$Q_1 =$ _____ $Q_3 =$ _____

$Q_1 =$ _____ $Q_3 =$ _____

IQR = _____

IQR = _____

7.) On the back of this paper, create the following two items for both the city of Brunswick and the Other City.

a.) Line graph

b.) Box & Whisker Plot

Line Graph for Brunswick:

Box & Whisker Plot for Brunswick:

Line Graph for _____:

Box & Whisker Plot for _____: