

Name _____ Date _____

Go to the www.oaklandterrace.com homepage. All of the information you will need can be found on the bottom of the page.

4.4.2.1 organize and display data in a variety of ways, including line plots and line graphs.

4.4.3.1 analyze and interpret line plots, line graphs, and circle graphs.

4.4.4.1 determine and distinguish among mean, median, mode, and range using concrete materials.

Choose a country from the Oakland Terrace homepage and collect temperature data. You will be comparing the data to the temperature data for Silver Spring. You will be creating a double line graph, therefore, you will be collecting data over a period of time. You must decide to collect it at a regular interval; either every half hour, hourly or daily. Below, record the data. (Refresh the homepage to make sure that you are looking at the most current temperature).

Time/Date	Temperature in Silver Spring	Temperature in - _____

What is the range of data that you collected for Silver Spring?
Show your work.

What is the range of data that you collected for your second city?
Show your work.

After you have collected all of your data, fill in the line graph. Remember to fill in all of the labels. You must use two different colors to show the temperature data from your two cities. Make a key for your graph.

Find the mean temperature for both cities. Show your work:

Mean Temperature Mean Temperature
Silver Spring: _____ : _____

Compare the data in your graph for the two cities. Make sure to use the temperature data in your response.