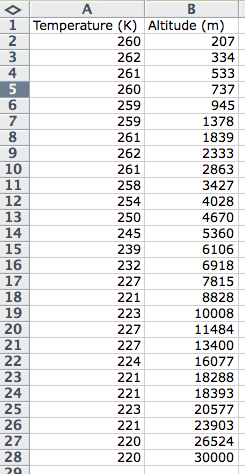
**Creating a scatter plot graph in Excel**

***First, you’ll need to enter your data.***

Image #1



1. Open a blank workbook in Excel.
2. Enter (or copy and paste) your data in columns.
   1. The data in the first column will be the data displayed on the **horizontal** (**x-axis)**.For our purposes, **temperature** will go on the **horizontal axis.**
   2. The data displayed on the second column will be the data displayed on **vertical** (**y-axis)**. For our purposes, **altitude** will go on the **vertical axis.**
3. At this point your Excel sheet should look similar to image #1.

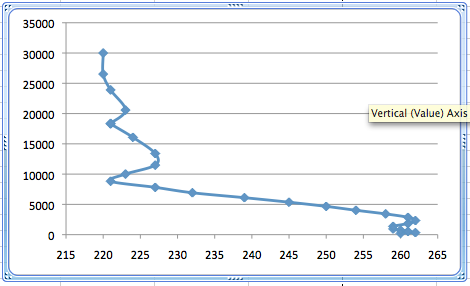
***Next, you’ll need to tell Excel to make a graph.***

Image #2



1. When you’ve entered all of the data, use the cursor to highlight *all* of your data (including your column headings).
2. Then, click on the insert menu at the top of the screen (on a Mac, select insert “chart”). From there, click on the “scatter” graph symbol. You want the option that says, “smooth marked scatter.” See image #2.

Image #3

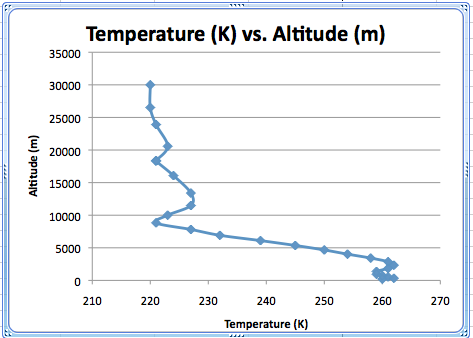


1. Now you should see a graph like the one in image #3.
2. Next you will take several steps to add axes labels and units, and add a title.

***Now, it’s time to adjust the scales of the axes, add labels and units, and a title.***

1. Click on the “Layout” tab at the top of the page (on a Mac, click to highlight your chart, then click on “view” and select “formatting palette”).

Image #4



1. Click the “chart title” button to add a title to your graph.
2. Click on the “axes title” button to add labels and units to each of the axes.
3. Your graph should look like image #4.