Graphs and Charts Assignment!

Each numbered item below should be done on its own separate slide.

1. Line Graph
2. Define (“what is a line graph”), and tell when you use it (“when do you use a line graph”)
3. Create a line graph that has a single line on it. This line will show widget sales over a one year period. *note: the following instructions are for Powerpoint 2010*

* Make “series 1” say “widgets.” Erase Series 2 and 3.
* Make “category 1” say “jan.” Category 2 should say “feb.” Continue like this for all 12 months of the year. You will have to resize the chart downward!
* Enter data for each month. You may choose the data.
* Remember to **label** both axes, give it a **title**, and provide any **keys** or other identifying information.

1. Include a corresponding data table. (copy and paste from the spreadsheet)
2. Create a triple-line chart, with at least 7 data points each. You may choose the data.
   * Again, remember to **label** both axes, give it a **title**, and provide any **keys** or other identifying information.
3. Include a corresponding data table.
4. Bar Graph (aka Column Graph)
5. Define (“what is a ....”), and tell when you use it (“when do you use a .....”)
6. Create a bar graph, with three separate bars. They should depict how many sit-ups can be done by Jimmy, Timmy, and Fred.
7. Include a corresponding data table.
8. Create another bar graph, with nine bars, in groups of three. They should depict how many pushups, squats, and chinups can be done by Jimmy, Timmy, and Fred.
   * The way to do this is to make “category 1” be the name of Jimmy, “category 2” is Timmy, etc.
   * The workouts are the series. So “Series 1” can be pushups, etc.
9. Include a corresponding data table.
10. Pie Chart
11. Definition and when you use it.
12. Create a pie chart depicting the percentage of food that is sold at a restaurant. The four food items should be: pizza, hotdogs, cheeseburgers, and salad. You may choose the percentages.
13. Include a corresponding data table.
14. Create a second pie chart depicting the number of hours (or minutes) you spend doing various activities throughout the day. Remember to put in sleep, school, eating, and any hobbies you do. Keep this clean and appropriate.
15. Include a corresponding data table.

1. Choose a new, different chart or graph (ex, an Area Graph, etc.)
2. Define and tell when to use it
3. Create an example graph or chart
4. Include the corresponding data table.
5. Choose another new, different chart or graph (ex, a Scatter Plot, etc.)
6. Define and tell when to use it
7. Create an example graph or chart
8. Include the corresponding data table.