Computer Generated Graphs

Steps:

1) From the start menu, go to programs, go to Microsoft office and click on Microsoft excel.

We will be creating a bar graph based on this information.

Tree	*Growth 1999*
Gala	*37 cm*
Cameo	*48 cm*
Red Delicious	*21 cm*
Fuji	*31 cm*

2) Insert you data in 2 columns. It can be any 2 columns. When entering data, *do not* enter in any units.

A	B
Gala	37
Cameo	48
Red Delicious	21
Fuji	31

3) Using the mouse, highlight the information you want to graph.

4) Go to the insert command and then click on chart.

5) Select the type of graph you would like to create. For our example, we will click on column graph. Click next.

6) A graph should then be shown, click next again.

7) We will now label our graph. Under chart title you will title your graph. In our case, we will title it Tree Growth in 1999. We will then label our x-axis with Type of Tree and our y-axis with Tree Growth (cm).

*(If creating a circle graph, only the title label will be available. If you click on data labels more options are now available. If you choose, show label and percent, the computer will automatically convert each part to a percent and label each part)

Then click next.

8) The graph has now been created. You can either chose as new sheet or new object. Most of the time we will click on new sheet.

*If creating a scatterplot: To add a trendline, after the graph is finished, click on one of the points. Go to chart and click on add trendline and the trendline should appear.

Month	Water Used
April	1,512 gals.
May	1,634 gals.
June	1,889 gals.
July	2,432 gals.
August	3,310 gals.

Sulfur Spray	Gallons
April	100
May	30
June	100
July	20
August	0

3. Create a scatterplot to show the relationship between points scored and wins for NFC football teams in 2002.

Team	Pts/G	Wins
New Orleans	27.0	9
Philadelphia	25.9	12
Atlanta	25.1	9
Green Bay	24.9	12
Minnesota	24.4	6
San Francisco	22.9	10
Seattle	22.2	7
Tampa Bay	21.6	12
New York (N)	20.0	10
St. Louis	19.8	7
Washington	19.2	7
Detroit	19.1	3
Chicago	17.6	4
Arizona	16.4	5
Carolina	16.1	7
Dallas	13.6	5

4. In the year 2000, a survey conducted by the Employment Review was conducted on the highest level of education people received. There were approximately 3,210 people in the survey. The results were as follows: 830 for high school, 490 for tech or trade school, 120 for master's degree, 100 for doctorate degree and 1,670 for a bachelor's degree. Create a pie graph to show the percentages of each degree.