

Lab 1

Directions: We will make graphs in GeoGebra, then export (convert) them to png (portable network graphics) files and paste them into a microsoft word document. You will need to print your word document when you are finished. Because we don't have access to a printer right now, you will need to save your documents to the desktop, then email them to yourself as attachments to download and print later.

Please label the axes of your graphs. At the end of this lab, your document should include:

1. Relative frequency histogram for the smokers (Cholesterol data) having 10 classes
2. A picture that compares a histogram (not a relative frequency histogram) for the smokers (Cholesterol data, this time with 17 classes) against a boxplot
3. Dotplot for the smokers (Cholesterol data)
4. Stemplot for the smokers (Cholesterol data)
5. Stacked boxplots comparing smokers to nonsmokers (Cholesterol data)
6. Statistics for smokers (Cholesterol data)
7. Bar Chart of the Oil Tanker data
8. Pie Chart of the Oil Tanker data
9. Scatter Plot of Kentucky Derby data (year versus speed) that has a grid on it.