Post-lab:
Nucleophilic Aliphatic Substitution Reactions

1. Place your data in an Excel spreadsheet in your computer.

2. Use your computer to create a (series of) bar graph(s) to show any trends you have discovered. Attach the bar graph(s) to this sheet of paper.

3. Was there a chemical reaction in flask #1? How do you know?

4. Suggest reasons for the differences and similarities between the reactions in flasks #2-#5 as well as between them and the reaction in flask #1.

5. What mechanism best explains the results (S_N1 or S_N2)? Why?