**pH of Solutions**

Name(s):

Date:

Lab Section:

**DATA**

1. Copy and paste your table with expected and actual pH in the space below. There is an embedded *Excel* spreadsheet for those who want to include formulas.



1. Copy and paste your ranking of the 0.10 *M* solutions into the space below.

**QUESTIONS**

1. How close to each other were the expected and actual pH's in this experiment? Account for any variation.

2. How did the pH change for the HCl and NaOH as the solutions were diluted? Was it predictable? Was it what you expected? Explain.

3. How did the pH change for the HC2H3O2 and NH3 as the solutions were diluted? Was it predictable? Was it what you expected? Explain.

4. How closely did your ranking of the 0.10 *M* solutions follow the actual ranking in your textbook? Account for any variation.