Remember to adapt your procedure and tables for your acid and juice from table 1 & 2 below. Prepare all entries in your notebook through 5b as directed in the syllabus and your lab manual with the following changes:

1. Use a 250 mL beaker instead of a 400 mL beaker for the titrations.
2. Pipet in the amount of acid given in the tables below. When diluting the acid, added enough DI water to bring the total volume to 40 mL.
3. For the juice, pipette 25 mL of juice and dilute with 25 mL of DI water.
4. *Instead of creating tables 1 & 2 in your notebook create each table in an Excel file so that you can enter your data directly into the computer as you do the titration and thus reduce the time needed in lab to produce your graphs. You will print a copy of each table and attach them to your notebook pages.*

**Table 1.** Assignments section 002 Th am.

|  |  |  |  |
| --- | --- | --- | --- |
| group/bin # | who? | acid (mL) | juice (mL) |
| 1 |  | acetic (20) | blueberry |
| 2 |  | hydrochloric(20) | concord grape |
| 3 |  | nitric (20) | black cherry |
| 4 |  | phosphoric (10) | blueberry |
| 5 |  | acetic(20) | concord grape |
| 6 |  | phosphoric (20) | black cherry |
| 7 |  | nitric (20) | blueberry |

**Table 2.** Assignments section 003 Th pm.

|  |  |  |  |
| --- | --- | --- | --- |
| group/bin # | who? | acid | juice |
| 1 |  | acetic (20) | blueberry |
| 2 |  | hydrochloric(20) | concord grape |
| 3 |  | nitric (20) | black cherry |
| 4 |  | phosphoric (10) | blueberry |
| 5 |  | acetic (20) | concord grape |
| 6 |  | hydrochloric(20) | black cherry |
| 7 |  | nitric (20) | concord grape |
| 8 |  | phosphoric (10) | black cherry |