

Name: _____
Pd: _____ Date: _____

Chemistry 12
Acid Base Part II
Titration Curve Worksheet

1. Classify the following titrations:

a. NH_3 and HBr

b. H_2SO_4 and RbOH

c. CH_3COOH and KOH

2. For each of the **above reactions**, draw the **titration curve** that would represent each. Be sure to have a title, and labeled x and y axis

a.

b.

c.

3. Given the indicators: Methyl red, Phenol red and Thymol blue, choose the indicator that would be used in the above titrations.

a.

b.

c.

4. For the titration between HI and NaOH, draw the two versions of the titration curve:
- pH vs Volume of base added

b. pH vs Volume of acid added

c. Identify TWO different indicators that could be used for these titrations: