

Name: \_\_\_\_\_

Section: \_\_\_\_\_

Partner's Name: \_\_\_\_\_

Date: \_\_\_\_\_

**TITRATION CURVES**  
DATA SHEET

**Part 1: Strong Acid-Strong Base Titration**

$[NaOH], M$  \_\_\_\_\_  
 $V_{HCl}, mL$  \_\_\_\_\_  
 $pH$  at equivalence point \_\_\_\_\_  
 $V_{NaOH}$  at equivalence point,  $mL$  \_\_\_\_\_  
 $[HCl]_0, M$  \_\_\_\_\_

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**Part 2: Weak Acid-Strong Base Titration**

Unknown No: \_\_\_\_\_  
 $[NaOH], M$  \_\_\_\_\_  
 $V_{HA}, mL$  \_\_\_\_\_  
Initial  $pH$  \_\_\_\_\_  
 $pH$  at equivalence point \_\_\_\_\_  
 $V_{NaOH}$  at equivalence point,  $mL$  \_\_\_\_\_  
 $[HA]_0, M$  \_\_\_\_\_  
 $pK_a$  \_\_\_\_\_