

Name: _____

Section: _____

Report Form – Acid Base Titration

Part 1–Standardization of NaOH Solution

Molarity of HCl used						
Titration	1	2	3	4	5	6
Base buret, final reading (mL)						
Base buret, initial reading (mL)						
Volume of base used (mL)*						
Molarity of NaOH (M)*						
Average molarity of NaOH*			M			

Show the calculations for each of the entries in the Data Table marked with * on the calculations page for one titration.

Part 2–Determination of Unknown Acid

Unknown code						
Average Molarity of Base from Part 1				M		
Titration	1	2	3	4	5	6
Base buret, final reading (mL)						
Base buret, initial reading (mL)						
Volume of base used (mL)*						
Molarity of unknown acid (M)*						
Average molarity of unknown (M)*				M		

Show the calculations for each of the entries in the Data Table marked with * on the calculations page for one titration.

Calculations

Show the calculations for each of the entries in the Data Table marked with * below.