

Preclass Assignment

CHEM 1100-General Chemistry II

Name:

#10

Section: 31, TR

Due Date: Thursday 5/17/2018

1. Define "buffer".

2. For the titration of 25.00 mL of a 0.200 M HCl solution with 0.200 M NaOH, calculate the pH when 24.90 mL of base have been added. This is point F in the strong acid-strong base titration.

3. For the titration of 25.00 mL of a 0.200 M $\text{HC}_2\text{H}_3\text{O}_2$ solution with 0.200 M NaOH, calculate the pH when 24.90 mL of base have been added. This is point F in the weak acid-strong base titration.