

Preclass Assignment

CHEM 1100-General Chemistry II

Name:

#9

Section: 31, TR

Due Date: Tuesday 11/20/2018

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 HC₂H₃O₂ 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.