

Name _____ Section _____

Partner _____

CHM 112 Acids, Bases, and Buffers Report Form

1. Plot titration curves for each titration performed.
2. For each of these plots, indicate the equivalence point on the titration curve. Please attach the graphs to your report form. Explain how you know it's the equivalence point.

3. Buffer results:

Unknown number: _____

pH of buffered solution (the solution you made): _____

pK_a _____

K_a of acid: _____

	Original pH	Plus Acid	Plus Base
Your Buffer	_____	_____	_____
Deionized H ₂ O	_____	_____	_____
Tap Water	_____	_____	_____

How do your observations demonstrate what a buffer is?