

Titration Worksheet

- 1) I titrated 3.5 mL of NaOH with 225 mL of 5.0×10^{-2} M HCl. Find the concentration of this base and determine its pH.

- 2) If it took me 25.4 mL of 5.0 mM HCl to titrate 50.0 mL of a basic solution with unknown concentration, what were the concentration and pH of the basic solution?

- 3) How many mL of 0.010 M NaOH will be required to neutralize 10.0 mL of HCl with a pH of 1.0 M?

- 4) Why isn't it reasonable to titrate a weak acid with a weak base?