

Chem 25.1

Goals: Calculate pH and determine how neutralization works

Bellwork: What does an acid do in a solution? What does a base do?

Plan:

Notes and discussion: concentrations of hydronium and hydroxide in pure water

pH: definition and calculation: $-\log(\text{H}^+)$

pOH and the relationship with pH ($\text{pH} + \text{pOH} = 14$)

Neutralization: how antacids work

Examples: neutralization and predicting the products of neutralization

HW: neutralization problems

Chem 25.3

Goals: investigate acidic and basic properties, titration

Plan

See lab handout

HW: complete lab