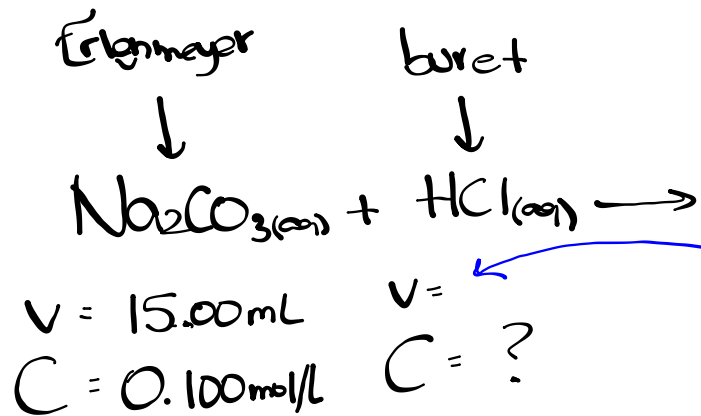


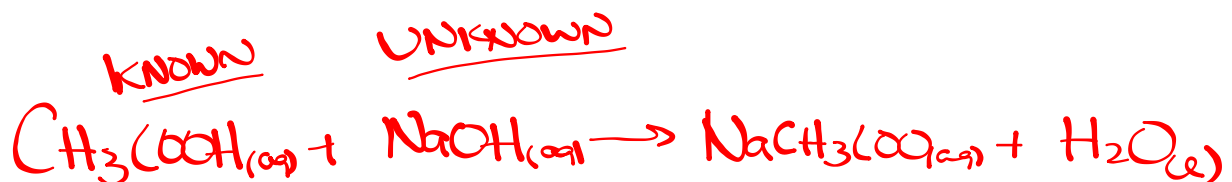
Acid-Base Chemistry Review

- Arrhenius Concept of Acid and Bases (Old and Revised)
- Bronsted-Lowry Acid-Base Concept
(Identify acids/bases, amphiprotic)
- Conjugate Acids and Bases
- Water Equilibrium
- Strong/weak Acids/Bases
- 5-step Acid-Base reactions



Average volume:

Stoichiometry (solution)



$V = 10.00 \text{ mL}$ $V = 21.4 \text{ mL}$
 $C = 0.150 \text{ mol/L}$ $C = ?$

$$C = \frac{n}{V}$$

$$0.0100 \text{ L CH}_3\text{COOH} \times \frac{0.150 \text{ mol CH}_3\text{COOH}}{1 \text{ L CH}_3\text{COOH}} \times \frac{1 \text{ mol NaOH}}{1 \text{ mol CH}_3\text{COOH}} \times \frac{1}{0.0214 \text{ L NaOH}}$$

Worksheet