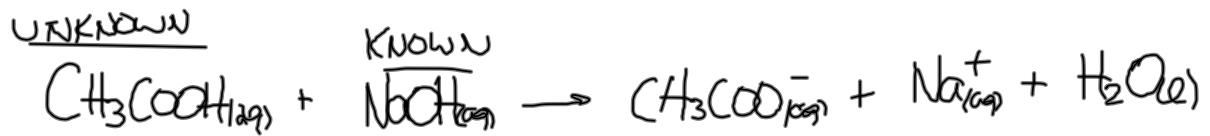


# Homework - Worksheet



$$C = ? \quad C = 0.1025 \text{ M}$$

$$V = 34.57 \text{ mL} \quad V = 25.19 \text{ mL}$$

$$0.02519 \text{ L NaOH} \times \frac{0.1025 \text{ mol NaOH}}{1 \text{ L NaOH}} = 0.00258 \text{ mol NaOH}$$

$$0.00258 \text{ mol NaOH} \times \frac{1 \text{ mol CH}_3\text{COOH}}{1 \text{ mol NaOH}} = 0.00258 \text{ mol CH}_3\text{COOH}$$

$$C = \frac{n}{V} \quad \left( n \times \frac{1}{V} \right)$$

$$0.00258 \text{ mol CH}_3\text{COOH} \times \frac{1}{0.03457 \text{ L CH}_3\text{COOH}} = \boxed{0.07469 \text{ M}} \text{ CH}_3\text{COOH}$$

# **Stoichiometry Review Worksheet**

**Test - tomorrow**