

## Homework - Worksheet

$$V_i = ?$$

$$C_i = 4.00M$$

$$V_F = 250.0mL$$

$$C_F = 0.760M$$

$$V_i C_i = V_F C_F$$

$$V_i (4.00M) = (250.0mL)(0.760M)$$

$$V_i = \frac{(250.0mL)(0.760M)}{(4.00M)}$$

$$V_i = 47.5mL$$

# **Dilution Worksheet**

# Solutions Test

- Net Ionic Equations
- Solubility
- Concentration
- Dilutions

**p. 347 #53-55**

**p. 499 #42, 44, 45, 48, 51-55**