

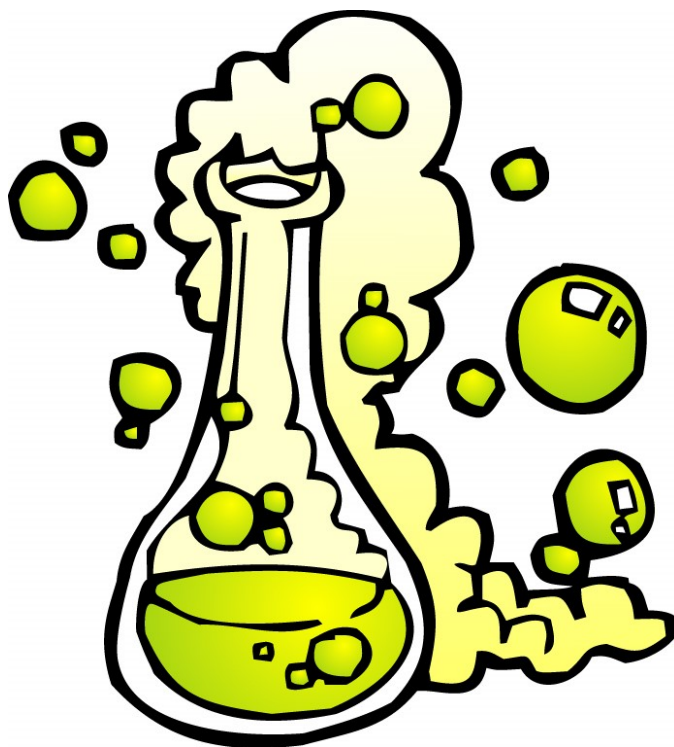
Replacement Reactions

Mr. Skirbst

4 Types of Chemical Reactions

1. SYNTHESIS

2. DECOMPOSITION



4 Types of Chemical Reactions

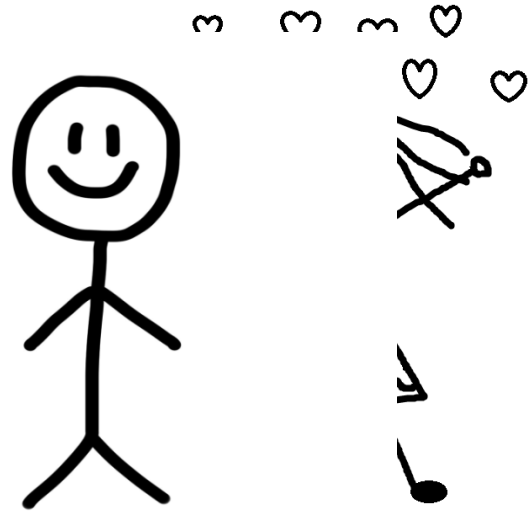
3. SINGLE-REPLACEMENT

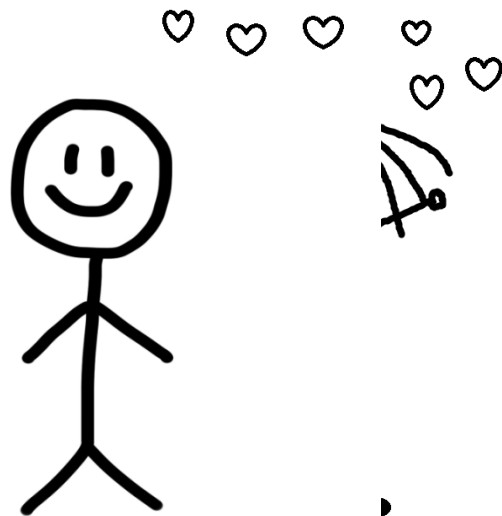


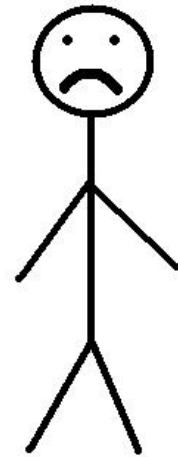
4 Types of Chemical Reactions

3. SINGLE-REPLACEMENT

- an uncombined element replaces an element in a compound



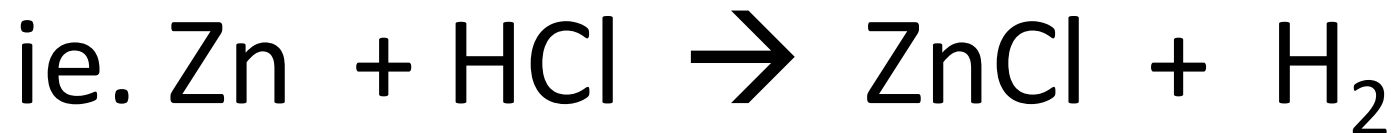
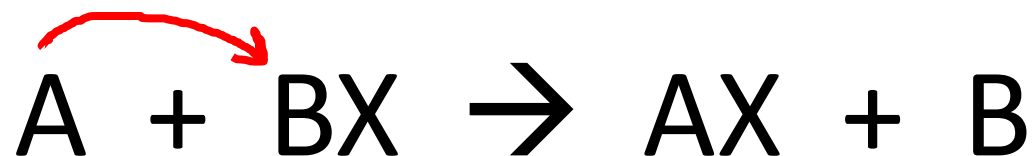


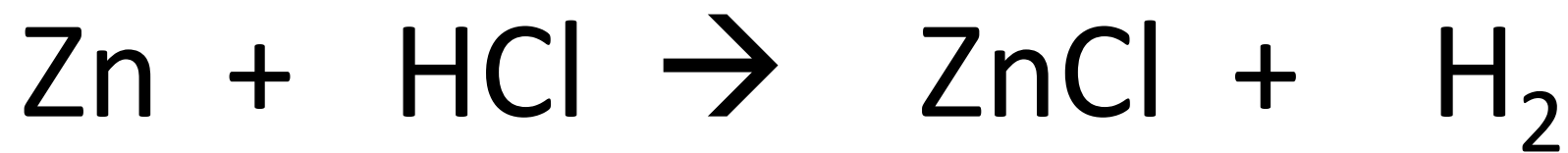


4 Types of Chemical Reactions

3. SINGLE-REPLACEMENT

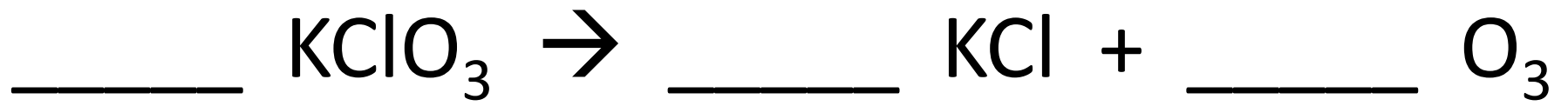
- General Format:













4 Types of Chemical Reactions

4. DOUBLE-REPLACEMENT

- two compounds react to form two new compounds





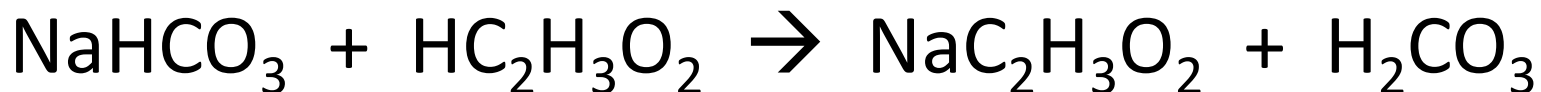
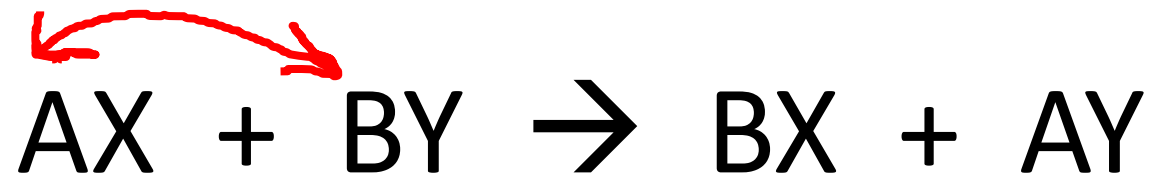


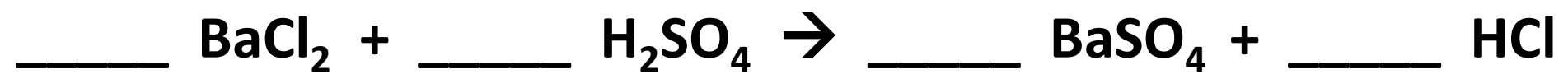


4 Types of Chemical Reactions

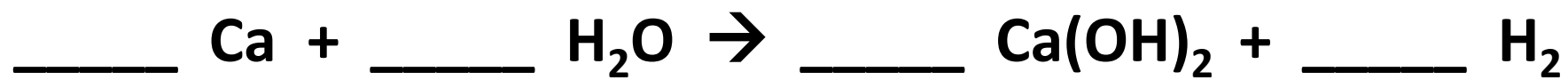
4. DOUBLE-REPLACEMENT

- General Format:

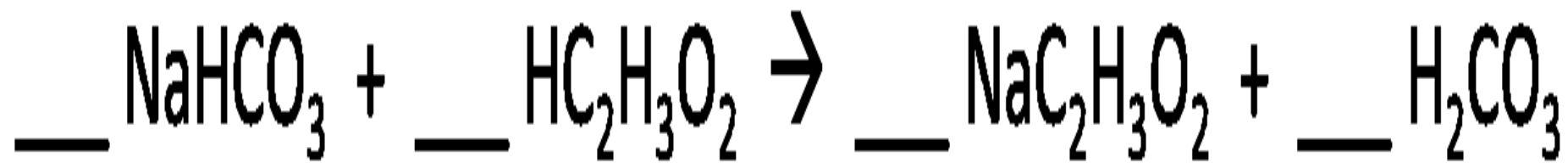






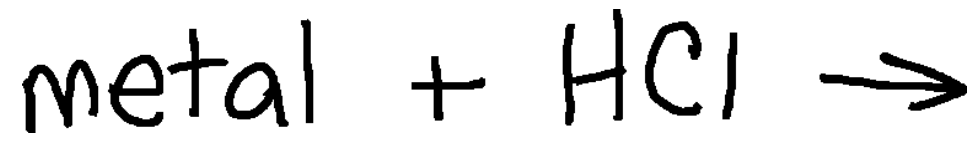


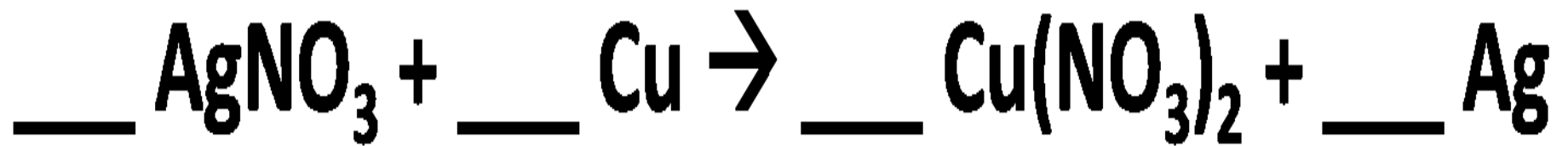




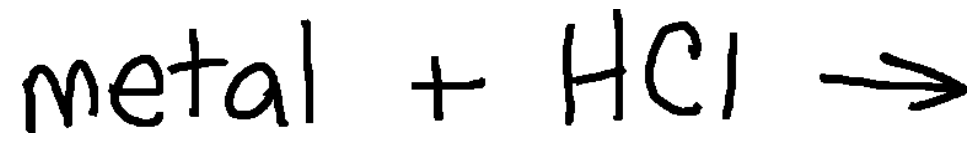
Single-Replacement Lab

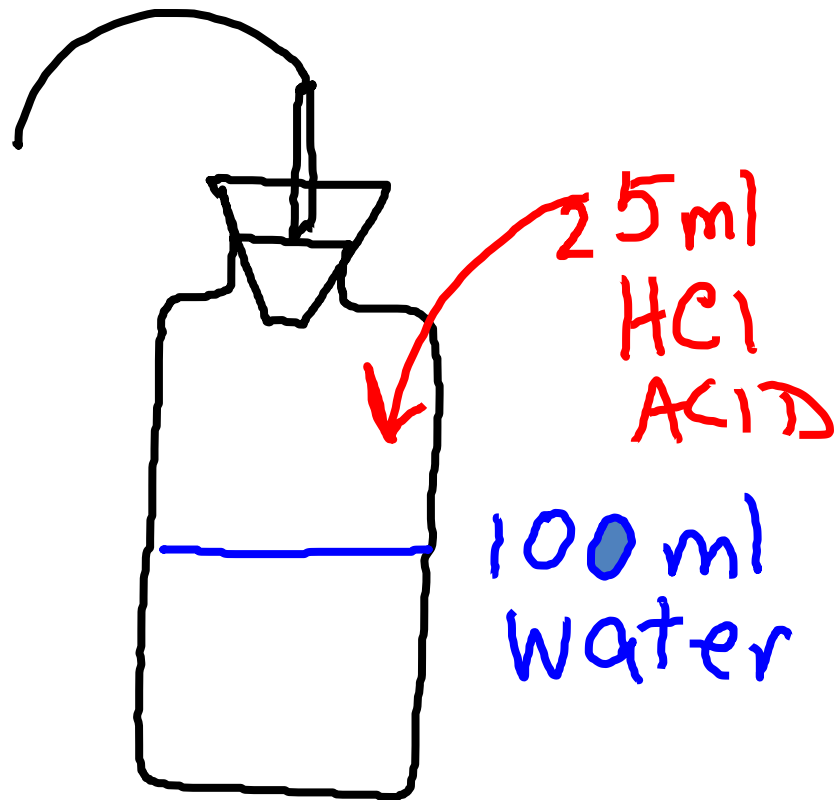
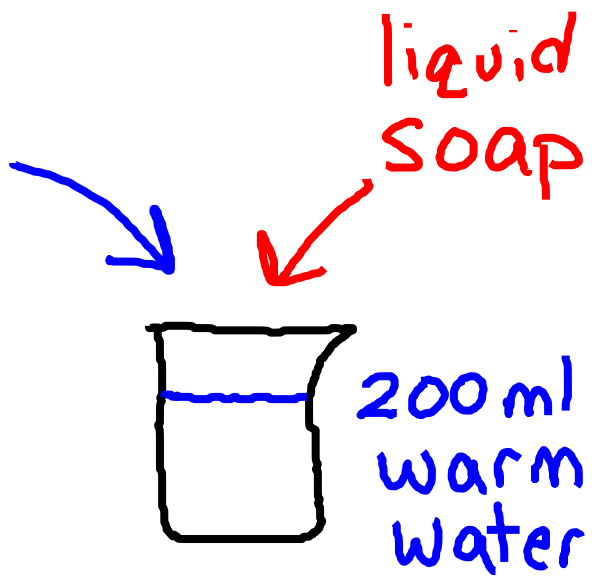
Single-Replacement Lab



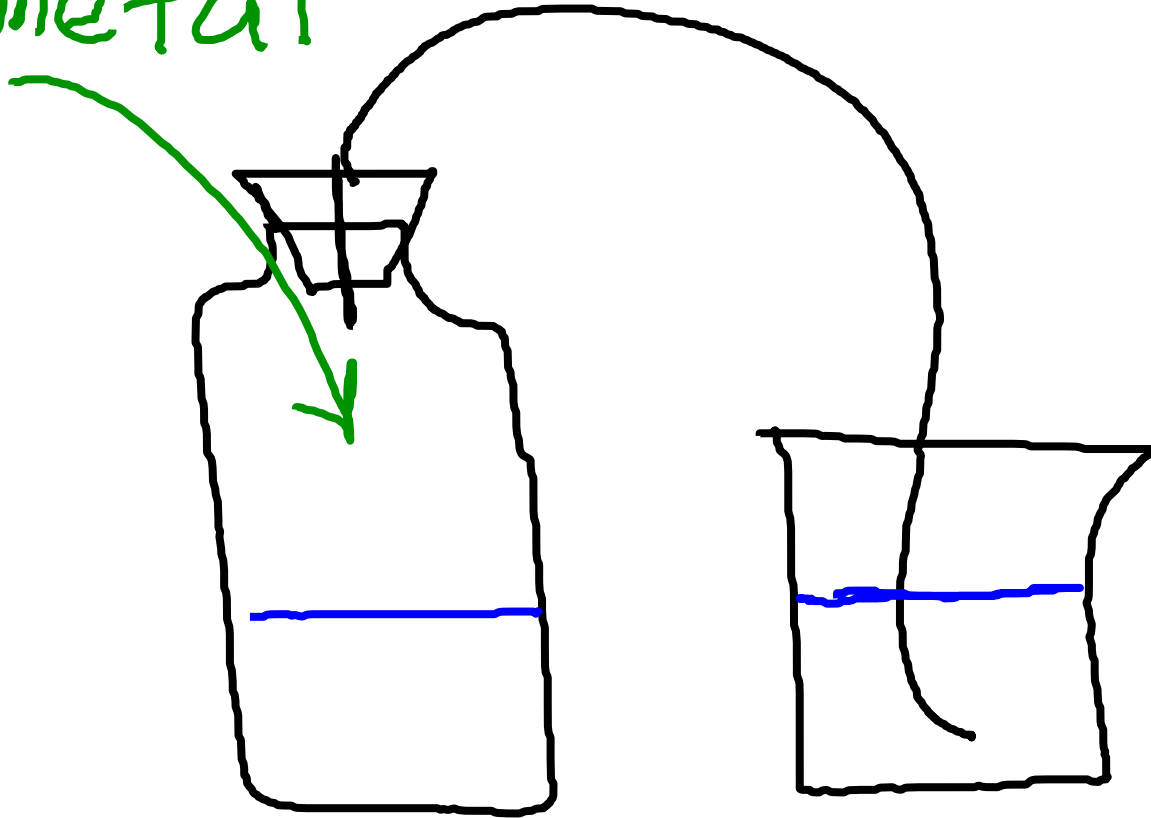


Single-Replacement Lab

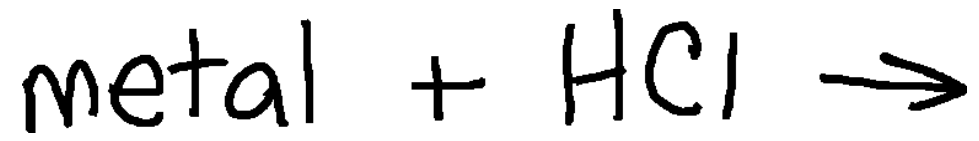




metal



Single-Replacement Lab



metal + HCl →

Al + HCl →

Cu + HCl →

Mg + HCl →

Zn + HCl →

Double-Replacement Reaction

