**Honors Chemistry Chapter 10 Quiz (What to study)**

1. Parts of an equation

a. Reactants, arrow, products

b. Subscripts vs. Coefficients (know the difference)

c. State symbol meanings (s, l, g, aq)

2. Balancing Equations

3. Word Equations

a. Writing formulas for ionic compounds, acids, and molecules

b. States of matter things are usually in (ex: metals alone (s), precipitate (s), solution (aq), etc.)

4. Identifying types of reactions

a. Synthesis

b. Single replacement (cationic or anionic)

c. Double replacement

d. Combustion

e. Decomposition

5. Predicting Products

a. Single replacement

b. double replacement

6. Solubility rules

a. Predicting solid products

b. memorize solubility rules

7. Net Ionic Equations

a. definitions of spectator ions, molecular, net ionic

b. predicting products of double replacement and which is insoluble (s)

c. changing molecular to complete ionic and then net ionic equations