**Key Vocabulary: Week 1.5: Stoichiometry**

***Complete ALL Week 1.0 and 1.5 flashcards and study over the weekend.***

 ***Week 1.5- Flashcards on Wednesday AND Thursday, Quiz on Thursday, 6/20.***

1. **Gram Molecular Mass:** molar mass of an entire molecule.
2. **Representative Particles:** the simplest part of a substance that can represent all of that substance. Molecules of H2O are representative of water.
3. **Molecule:** a single particle of a covalent compound. Consists of 2 or more chemically-bonded atoms.
4. **Formula Unit:** the representative particle of an ionic crystal. Ex- NaCl.
5. **Percent Composition:** the percent, by mass, of an element within a compound.
6. **Stoichiometry:** mathematical calculations within chemical equations used to measure the amounts of products and reactants in moles or grams.
7. **Limiting Reactant/Reagent:** the substance within a chemical reaction that, when completely consumed, stops the reaction, even if other reactants are still present.
8. **Percent Yield:** the percentage of product made by a chemical reaction. 100% implies that the reaction went to completion and consumed all available reactant.
9. **Accuracy:** how close your results are to the correct or accepted answer.
10. **Precision:** how close your results are to each other, not necessarily the answer.
11. **Uncertainty:** the range in which the correct answer may possibly exist as it is impossible to know the *exact* answer in most situations. Example- 12.0115 +/- 0.0001 grams.
12. **Excess:** used to suggest a large amount of one or more reactants by comparison to the others.