Unit 4 Vocab: Mole, Chemical Reactions, and Stoichiometry

*Define, compare, draw and or answer the following in your OWN words:*

1. Mole
2. Avogadro’s Number
3. Dimensional analysis
4. STP (Standard temperature and pressure
5. Percent composition
6. Empirical formula vs. Molecular Formula
7. Balanced equation
8. Law of Conservation of Mass
9. Aqueous
10. Precipitate
11. Stoichiometry
12. Mole ratio
13. Limiting reagent vs. excess reagent
14. Percent yield vs. actual yield vs. theoretical yeild
15. Coefficients vs. superscripts vs. subscripts
16. Draw the Mole Road Map
17. Drug testing (pg 313) what is the purpose of the separation column?
18. List the 4 types of chemical reactions (pg 330). Define each and record an example.
19. Why would you ever have to know any of this material ever again in your life?

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