

Mrs. Whittaker: Advanced Earth Science

Unit 2: Reading and Note Guide

Chapters 3 and 11

Assignment 2

Key Terms You Should See:

- Compound
- Molecule
- Mixture
- Solution
- Acid
- Base

Skim through again, pgs. 60 – 64 and read pgs. 64 - 69

6. *Explain the difference between a physical change and a chemical change and give an example of each. (More from the notes than from the textbook)

7. Why do chemical equations need to be balanced? (Consider the very last topic in your reading for this question).

8. How is a mixture different than a compound?

9. Describe the difference between a heterogeneous mixture, homogeneous mixture and a solution and give an example of each.

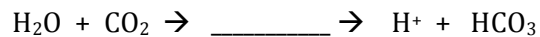
Heterogeneous mixture

homogeneous mixture

solution

10. Define what makes a compound an acid.

11. Most common acid in our environment?



12. Define what makes a compound a base?

13. Balance the following, every space will require a coefficient you will have to include coefficients of "one" by typing in a value of "1."

