

Assignment Packet - HONORS
Physical Science - Chapter 9
Solvents, Acids & Bases

Name _____
Period _____

Directions:

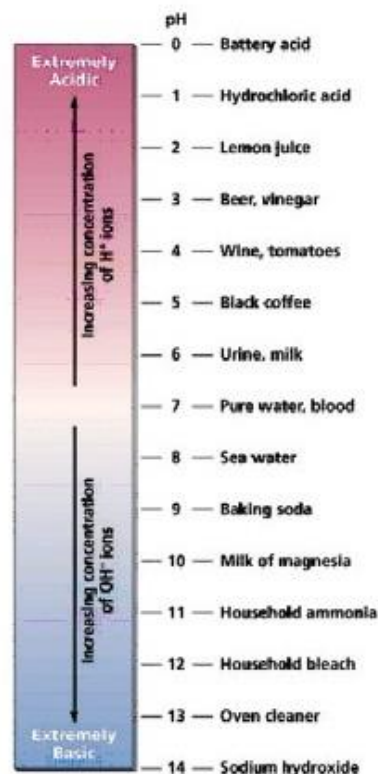
- All parts of this assignment packet must be turned in on the day of the test or it will be counted late. Late work is graded down one grade (10 pts.) for each day it is late.
- Leave a space between each section and label each section on your paper.
- Do not use the backs of papers.
- Place the correct heading on each packet and on the title page.
- Place all the papers in the proper order (the order shown on this page, place this sheet on top and staple them together in the upper left hand corner.
- Circle the numbers on this page of the assignments that you have completed.

All of the following work is required. Completing it accurately is worth 80 points.

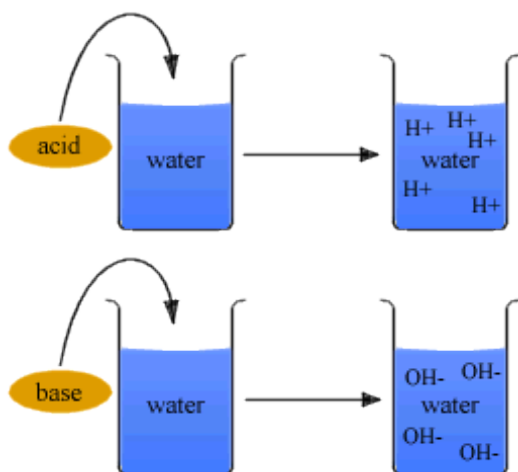
1. Section Review 9.1, p. 187, questions 1 - 8
2. Section Review 9.2, p. 195, questions 1 - 9
3. Vocabulary 9.1; p. 199, questions 1 - 11
4. Concepts 9.1, p. 199, questions 1 - 17
5. Problems, p. 200, questions 1 - 7

Each of the following assignments is worth 5 points.

- Wall size poster showing one of the following:
Chemical formulas of 2 acids and 2 bases
How acids and bases dissolve in water
How molecules dissolve in a solution
(See me if you have another idea)
- Keeping your (pH) balance, (p. 196 - 197), read and answer all questions in **complete sentences!**
- Worksheet: Battle of the Breads
- Create a crossword puzzle with the names of at least 15 acid and bases, use the chemical formulas for them as the clues



The following assignment is worth 20 points.



- ✓ A five paragraph typed report on a common acid or base using proper formal format.
- 1. Opening paragraph that gives the common name, chemical structure, where it is commonly found and different industries it is used in.
- 2. The second paragraph should tell how it is made or where it comes from.
- 3. Two paragraphs, each giving different uses of it.
- 4. A concluding paragraph giving any other interesting information you find about it and why it is important to society.

Possible ideas:

- | | |
|------------------|-------------------|
| Sulfuric Acid | Hydrochloric Acid |
| Nitric Acid | Sodium Hydroxide |
| Sodium Carbonate | Ammonia |
| Citric Acid | Oxalic Acid |

Due Date _____