

Name \_\_\_\_\_ Date \_\_\_\_\_ Period \_\_\_\_\_ Page \_\_\_\_\_

## Neutralizing Acids and Bases - Notes Sheet

### Key Concepts:

- ❖ pH is a measure of the concentration of \_\_\_\_\_ ions in a solution.
- ❖ Adding an acid, increases the concentration of \_\_\_\_\_ ions in the solution.
- ❖ Adding a base, decreases the concentration of \_\_\_\_\_ ions in the solution.
- ❖ An acid and a base are \_\_\_\_\_ opposites.
- ❖ If a base is added to an acidic solution, the solution becomes \_\_\_\_\_  
\_\_\_\_\_ and moves toward the middle of the pH scale. This is called  
\_\_\_\_\_ the acid.
- ❖ If an acid is added to a basic solution, the solution becomes \_\_\_\_\_  
\_\_\_\_\_ and moves toward the middle of the pH scale. This is called  
\_\_\_\_\_ the base.

## Neutralizing Acids and Bases.....Processing

### EXPLAIN IT WITH ATOMS & MOLECULES

Antacids are medicines people take when the acid in their stomach is causing them discomfort. One advertisement says that the medicine provides relief for acid indigestion and sour stomach. What type of chemical do you think is in the medicine?

Add a picture demonstrating how neutralization works: