

Name \_\_\_\_\_

### Acids & Bases Worksheet

1. List the differences between acids and bases.

2. List examples of an acids and bases present in your household.

3. List 2 strong acids and explain why these acids are considered strong acids.

\_\_\_\_\_

4. List 2 weak acids and explain why these acids are considered weak acids.

\_\_\_\_\_

5. List 2 strong bases and explain why these bases are considered strong bases.

\_\_\_\_\_

6. List 2 weak bases and explain why it is considered a weak base.

\_\_\_\_\_

7. Listed below are some of the properties of acids and bases. Fill in the blanks with the appropriate word, **acids** or **bases**:

a) \_\_\_\_\_ produce hydrogen ions (H<sup>+</sup>) in solution

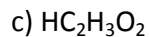
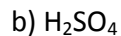
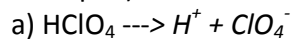
b) \_\_\_\_\_ have a sour taste

c) \_\_\_\_\_ have a bitter taste

d) \_\_\_\_\_ have a slippery, soapy feel

e) \_\_\_\_\_ produce hydroxide ions (OH<sup>-</sup>) ions

8. Write an equation for the dissociation (ionization) of the following **acids** in water: (follow example:)



9. Write an equation for the dissociation (ionization) of the following **bases** in water: (follow example:)

