

## Naming and Writing Acids & Bases

Name: \_\_\_\_\_

### 1. Name the following acids from the given formulas.

- a. HF \_\_\_\_\_
- b. HBr \_\_\_\_\_
- c.  $\text{H}_2\text{CO}_2$  \_\_\_\_\_
- d.  $\text{H}_2\text{CrO}_4$  \_\_\_\_\_
- e. HClO \_\_\_\_\_

### 2. Write formulas for each acid. *HINT: Write ion symbols side-by-side first and then use criss-cross method.*

- a. Perchloric Acid \_\_\_\_\_
- b. Acetic Acid \_\_\_\_\_
- c. Hydrosulfuric Acid \_\_\_\_\_
- d. Phosphorous Acid \_\_\_\_\_
- e. Chloric Acid \_\_\_\_\_

### 3. Name the following bases from the given formulas.

- a. NaOH \_\_\_\_\_
- b.  $\text{Sr}(\text{OH})_2$  \_\_\_\_\_
- c.  $\text{Pb}(\text{OH})_4$  \_\_\_\_\_
- d.  $\text{Al}(\text{OH})_3$  \_\_\_\_\_
- e.  $\text{Cr}(\text{OH})_3$  \_\_\_\_\_

### 4. Write formulas for each base. *HINT: Write ion symbols side-by-side first and then use criss-cross method.*

- a. Barium Hydroxide \_\_\_\_\_
- b. Iron (II) Hydroxide \_\_\_\_\_
- c. Zinc Hydroxide \_\_\_\_\_
- d. Rubidium Hydroxide \_\_\_\_\_
- e. Tin (IV) Hydroxide \_\_\_\_\_