

Naming and Writing Acids & Bases

Name: _____

1. Name the following acids from the given formulas.

- a. HF _____
- b. HBr _____
- c. H_2CO_2 _____
- d. H_2CrO_4 _____

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 _____

3. Name the following bases from the given formulas.

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

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 _____