

## Practice Test - Formulas and Naming Compounds

1. Write formulas for each of the following compounds

- a) Potassium oxide \_\_\_\_\_
- b) Strontium Bromide \_\_\_\_\_
- c) Sulfur tetroxide \_\_\_\_\_
- d) Lead IV carbonate \_\_\_\_\_
- e) Phosphorus dichloride \_\_\_\_\_
- f) Ammonium sulfate \_\_\_\_\_
- g) Iron II chloride trihydrate \_\_\_\_\_
- h) Sulfuric acid \_\_\_\_\_
- i) Magnesium hydroxide \_\_\_\_\_
- j) Nitric acid \_\_\_\_\_

2. Name the following compounds

- a)  $\text{Fe}_2\text{O}_3$  \_\_\_\_\_
- b)  $\text{Cs}_2\text{S}$  \_\_\_\_\_
- c)  $\text{N}_2\text{O}_5$  \_\_\_\_\_
- d)  $\text{HBr}$  \_\_\_\_\_
- e)  $\text{CuCl}_2 \cdot 5\text{H}_2\text{O}$  \_\_\_\_\_
- f)  $\text{CH}_3\text{COOH}$  \_\_\_\_\_
- g)  $\text{ZnSO}_4$  \_\_\_\_\_

3. Give an example of a binary compound. \_\_\_\_\_

4. Give an example of an oxy-acid \_\_\_\_\_

5. What is an anhydrous compound? \_\_\_\_\_

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