

Skill Practice 20

Advanced Ionic Practice

 Name: _____
 Date: _____
 Hour: _____

Write the formulas for the following compounds.

- Lithium acetate _____
- Sodium phosphate _____
- Magnesium hydroxide _____
- Sulfuric acid _____
- Ammonium sulfide _____
- Potassium oxide _____
- Aluminum Phosphate _____
- Sodium hydroxide _____
- Acetic Acid _____
- Carbonic Acid _____

Write the names for the following formulas.

- CaO _____
- BaCl_2 _____
- K_3PO_4 _____
- $\text{Mg}(\text{OH})_2$ _____
- HNO_3 _____
- $\text{NaC}_2\text{H}_3\text{O}_2$ _____
- Li_2SO_4 _____
- $(\text{NH}_4)_2\text{SO}_4$ _____
- $\text{Al}(\text{CN})_3$ _____
- $\text{Be}(\text{ClO}_3)_2$ _____

Skill Practice 21

Practice with Transition Metals

 Name: _____
 Date: _____
 Hour: _____

Write the formulas for each of the following compounds:

- manganese(IV) fluoride _____
- ammonium phosphate _____
- nickel(II) nitrate _____
- sodium nitride _____
- aluminum sulfate _____
- chromium(III) hydroxide _____
- iron(II) phosphate _____
- copper(II) chloride _____

Write the names for each of the following compounds:

- Cu_2O _____
- FeSO_4 _____
- $(\text{NH}_4)_2\text{S}$ _____
- $\text{Ni}_3(\text{PO}_4)_2$ _____
- $\text{Cr}(\text{OH})_3$ _____
- $\text{Ba}(\text{ClO}_3)_2$ _____
- Mn_3N_4 _____
- Cu_2CO_3 _____

How many oxygen atoms are contained in each of the following compounds?

- $\text{Ca}(\text{NO}_3)_2$
- Al_2O_3
- MgSO_4
- $\text{Ca}_3(\text{PO}_4)_2$