

NAME:

CLASS:

### NAMING IONIC AND COMMON COVALENT COMPOUNDS

- 1) *Write the name of the following ionic compounds. For the transition element compounds, you must include the appropriate valency. These are marked with an \**  
*For example,  $\text{MnO}_2$  is named manganese (IV) oxide.*

a)  $\text{NaOH}$

\_\_\_\_\_

b)  $\text{Ca}_3(\text{PO}_4)_2$

\_\_\_\_\_

c)  $\text{MgO}$

\_\_\_\_\_

d)  $\text{Al}_2\text{S}_3$

\_\_\_\_\_

e)  $\text{K}_2\text{CO}_3$

\_\_\_\_\_

f)  $\text{Li}_2\text{SO}_3$

\_\_\_\_\_

g)  $\text{BaCl}_2$

\_\_\_\_\_

h)  $\text{NH}_4\text{Cl}$

\_\_\_\_\_

i)  $^*\text{FeP}$

\_\_\_\_\_

j)  $^*\text{CuSO}_4$

\_\_\_\_\_

- 2) *Write the names of the following covalent compounds and/or common acids.*

a)  $\text{SO}_3$

\_\_\_\_\_

b)  $\text{H}_2\text{SO}_4$

\_\_\_\_\_

c)  $\text{NH}_3$

\_\_\_\_\_

d)  $\text{CO}$

\_\_\_\_\_

e)  $\text{CCl}_4$

\_\_\_\_\_

f)  $\text{CH}_3\text{COOH}$

\_\_\_\_\_

g)  $\text{H}_2\text{O}$

\_\_\_\_\_

h)  $\text{CH}_4$

\_\_\_\_\_

i)  $\text{H}_3\text{PO}_4$

\_\_\_\_\_

j)  $\text{NO}_2$

\_\_\_\_\_