

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,  $MnO_2$  is named manganese (IV) oxide.**

a)  $NaOH$  \_\_\_\_\_

b)  $Ca_3(PO_4)_2$  \_\_\_\_\_

c)  $MgO$  \_\_\_\_\_

d)  $Al_2S_3$  \_\_\_\_\_

e)  $K_2CO_3$  \_\_\_\_\_

f)  $Li_2SO_3$  \_\_\_\_\_

g)  $BaCl_2$  \_\_\_\_\_

h)  $NH_4Cl$  \_\_\_\_\_

i) \* $FeP$  \_\_\_\_\_

j) \* $CuSO_4$  \_\_\_\_\_

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

a)  $SO_3$  \_\_\_\_\_

b)  $H_2SO_4$  \_\_\_\_\_

c)  $NH_3$  \_\_\_\_\_

d)  $CO$  \_\_\_\_\_

e)  $CCl_4$  \_\_\_\_\_

f)  $CH_3COOH$  \_\_\_\_\_

g)  $H_2O$  \_\_\_\_\_

h)  $CH_4$  \_\_\_\_\_

i)  $H_3PO_4$  \_\_\_\_\_

j)  $NO_2$  \_\_\_\_\_