

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