

## Review– Naming Chemical Compounds

The following are a good mix of naming and formula writing problems to help you get some practice. I will expect that you know how to name both ionic and covalent compounds in your work.

Name the following chemical compounds:

- 1) NaBr SODIUM BROMIDE
- 2)  $\text{Ca}(\text{C}_2\text{H}_3\text{O}_2)_2$  CALCIUM ACETATE
- 3)  $\text{P}_2\text{O}_5$  DIPHOSPHORUS PENTAOXIDE
- 4)  $\text{Ti}(\text{SO}_4)_2$  TITANIUM SULFATE
- 5)  $\text{FePO}_4$  IRON (III) PHOSPHATE
- 6)  $\text{K}_3\text{N}$  POTASSIUM NITRIDE
- 7)  $\text{SO}_2$  SULFUR DIOXIDE
- 8)  $\text{CuOH}$  COPPER (I) HYDROXIDE
- 9)  $\text{Zn}(\text{NO}_2)_2$  ZINC NITRITE
- 10)  $\text{V}_2\text{S}_3$  VANADIUM SULFIDE

Write the formulas for the following chemical compounds:

- 11) silicon dioxide  $\text{SiO}_2$
- 12) nickel (III) sulfide  $\text{Ni}_2\text{S}_3$
- 13) manganese (II) phosphate  $\text{Mn}_3(\text{PO}_4)_2$
- 14) silver acetate  $\text{Ag}_2\text{C}_2\text{H}_3\text{O}_2$
- 15) diboron tetrabromide  $\text{B}_2\text{Br}_4$
- ? → 16) magnesium sulfate heptahydrate ?  $\text{MgSO}_4 \cdot 7\text{H}_2\text{O}$  ?
- 17) potassium carbonate  $\text{K}_2\text{CO}_3$
- 18) ammonium oxide  $(\text{NH}_4)_2\text{O}$
- 19) tin (IV) selenide  $\text{SnSe}_2$
- 20) carbon tetrachloride  $\text{CCl}_4$