

Ionic Naming Homework

Directions: Complete the following questions on notebook paper. Write the questions and answers.

- Write the formulas for the binary ionic compounds formed between the following elements:
 - potassium and iodine
 - magnesium and chlorine
 - sodium and sulfur
 - aluminum and sulfur
 - aluminum and nitrogen
- Write the formula and give the name for the compounds formed between the following ions:
 - Cu^{2+} and Br^-
 - Fe^{2+} and O^{2-}
 - Pb^{2+} and Cl^-
 - Hg^{2+} and S^{2-}
 - Sn^{2+} and F^-
 - Fe^{3+} and O^{2-}
- Give the names for the following compounds:
 - CuO
 - CoF_3
 - SnI_4
 - FeS
- Write the formulas for the following ionic compounds:
 - lithium nitrate
 - copper (II) sulfate
 - Sodium carbonate
 - calcium nitrite
 - potassium perchlorate
- Give the names for the following compounds:
 - Ag_2O
 - $\text{Ca}(\text{OH})_2$
 - KClO_3
 - NH_4OH
 - $\text{Fe}_3(\text{CrO}_4)_2$
 - KClO