

Determining Ionic Formulas through Oxidation Numbers

1. Sodium and chlorine Metal _____ Nonmetal _____

[Link to Periodic Table](#)

Family _____ Family _____

Valence electrons _____ Valence electrons _____

Oxidation Number _____ Oxidation number _____

Write the symbols and oxidation numbers _____ Formula _____

Name of compound formed _____

2. Magnesium and oxygen Metal _____ Nonmetal _____

Family _____ Family _____

Valence electrons _____ Valence electrons _____

Oxidation Number _____ Oxidation number _____

Write the symbols and oxidation numbers _____ Formula _____

Name of compound formed _____

3. Beryllium and bromine Metal _____ Nonmetal _____

Family _____ Family _____

Valence electrons _____ Valence electrons _____

Oxidation Number _____ Oxidation number _____

Write the symbols and oxidation numbers _____ Formula _____

Name of compound formed _____

4. Potassium and phosphorus Metal _____ Nonmetal _____

Family _____ Family _____

Valence electrons _____ Valence electrons _____

Oxidation Number _____ Oxidation number _____

Write the symbols and oxidation numbers _____ Formula _____

Name of compound formed _____