

ION NAMING WORKSHEET

Name: Key

Period: _____

Part I – Name the following ions/elements

Na⁺ Sodium ion

Mg Magnesium

O²⁻ Oxide

Al³⁺ Aluminum ion

Br₂ Bromine

F Fluoride

Be²⁺ Beryllium ion

P³⁻ Phosphide

Cl Chloride

Li⁺ Lithium ion

Part II – Write the formula – Be sure to include charges if the particle is an ion

Potassium ion K⁺

Magnesium ion Mg²⁺

Carbon C

Aluminum ion Al³⁺

Bromide Br⁻

Sulfide S²⁻

Cesium ion Cs⁺

Phosphide P³⁻

Part III – Give the formula or name of the following transition metal ions

Lead (IV) ion Pb⁴⁺

Cu⁺ Copper (I) ion

Zinc ion Zn²⁺

Manganese (II) ion Mn²⁺

Cu²⁺ Copper (II) ion

Ag⁺ Silver ion

Fe³⁺ Iron (III) ion

Titanium (III) ion Ti³⁺

Part IV – Give the formula or name of the following poly atomic ions

Phosphate PO₄³⁻

Sulfate SO₄²⁻

Bicarbonate HCO₃⁻

Chlorate ClO₃⁻

Hydroxide OH⁻

NO₃⁻ Nitrate

CO₃²⁻ Carbonate

NO₂⁻ Nitrite

NH₄⁺ Ammonium

HSO₃⁻ Hydrogen Sulfite or Bisulfite