

Name: \_\_\_\_\_

Hour: \_\_\_\_\_ Date: \_\_\_\_\_

**Chemistry: *Ions in Chemical Compounds***

Complete the following table, being sure that the total charge on the resulting compound is zero.

<u>Ions</u>	Chloride $\text{Cl}^{1-}$	Hydroxide $\text{OH}^{1-}$	Nitrate $\text{NO}_3^{1-}$	Sulfate $\text{SO}_4^{2-}$	Sulfide $\text{S}^{2-}$	Carbonate $\text{CO}_3^{2-}$	Phosphate $\text{PO}_4^{3-}$
Hydrogen $\text{H}^{1+}$							
Sodium $\text{Na}^{1+}$							
Ammonium $\text{NH}_4^{1+}$							
Potassium $\text{K}^{1+}$							
Calcium $\text{Ca}^{2+}$							
Magnesium $\text{Mg}^{2+}$							
Aluminum $\text{Al}^{3+}$							
Ferrous $\text{Fe}^{2+}$							
Iron (II) $\text{Fe}^{2+}$							
Ferric $\text{Fe}^{3+}$							
Iron (III) $\text{Fe}^{3+}$							
Plumbous $\text{Pb}^{2+}$							
Stannic $\text{Sn}^{4+}$							
Copper (I) $\text{Cu}^{1+}$							
Cupric $\text{Cu}^{2+}$							