

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