Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_

**CLASSWORK: Ionic Compounds Practice**

**Determine if the following will form ionic compounds. If yes, determine the formula for the compound formed. Use the examples provided for help.**

|  |  |  |  |
| --- | --- | --- | --- |
| **Atoms** | **Ionic? (Yes or No)** | **Show Work Here** | **Formula** |
| Sodium and Oxygen | Yes | Na+ O2-  Na+ | Na2O |
| Nitrogen and Fluorine | No | XXXXXXXXXXXXX | does not apply |
| Magnesium and Sulfur |  |  |  |
| Gallium and Oxygen |  |  |  |
| Calcium and Nitrogen |  |  |  |
| Carbon and Nitrogen |  |  |  |

**Fill in the table below. Use the example provided for help.**

|  |  |  |
| --- | --- | --- |
| **Formula** | **Name** | **Lewis Dot Structure** |
| **K2S** | **Potassium Sulfide** | **K+[ S ]2-K+** |
| **Al2O3** |  |  |
| **CaCl2** |  |  |
| **AlF3** |  |  |
| **Na2O** |  |  |
| **Mg3N2** |  |  |
| **Na3P** |  |  |