**Name Date Peroid**

**IONIC NAMING**

When writing the name of a compound, you must first determine if it is \_\_\_\_\_\_\_\_\_\_\_\_ or \_\_\_\_\_\_\_\_\_\_\_\_\_. If the compound has a cation and an anion (metal & nonmetal) it is held together by a(n) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ bond.

After determining what type of bond it is, the first step is to write the name of the \_\_\_\_\_\_\_\_\_\_\_\_\_. Your will then write the name of the \_\_\_\_\_\_\_\_\_\_\_\_\_\_, but it will end with \_\_\_\_\_\_ instead of its normal ending.

**Naming Ionic Compounds**

**First rule:** Write the name of the \_\_\_\_\_\_\_\_\_\_\_\_.

**Second rule:** Write the name of the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ with \_\_\_\_\_\_ ending instead of normal.

**Ionic compounds NEVER have \_\_\_\_\_\_\_\_\_\_\_\_\_\_ in their names!**!

**Name the following ionic compounds below:**

1. NaCl \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2. Li2Se\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3. K2O\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

4. CaF2\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5. Cs3P\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Circle the incorrect part of each ionic compound name below.**

1. tripotassium nitride
2. potassium mononitride
3. potassium nitrogen
4. tripotassium mononitrogen
5. potassium (I) nitride