**Name Date Peroid**

**COVALENT NAMING**

When writing the name of a compound, you must first determine if it is \_\_\_\_\_\_\_\_\_\_\_\_ or \_\_\_\_\_\_\_\_\_\_\_\_\_. If the compound does not have any metals 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.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ bonds have an extra step that ionic compounds do not have…they will have \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ before each of the elements’ names. (except when the first one would start with mono)

**Naming Covalent Compounds**

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

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

**Third rule:** Add the \_\_\_\_\_\_\_\_\_\_\_\_ in front of each element’s name to indicate how many there are.

**Covalent compounds ALWAYS have \_\_\_\_\_\_\_\_\_\_\_\_\_\_ in their names!**!

**Name the following covalent compounds below:**

1. SiF4  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2. N2S3  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3. HBr \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

4. N3Br2  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5. B2H\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Circle the incorrect part (or what is missing) for each covalent compound name below.**

1. Monocarbon dioxide
2. Carbon oxide
3. Carbon monoxygen