

**Chemical Bonding Unit - Practice Worksheets!**

**Review:** Ionic bonds form between \_\_\_\_\_ and non-metals. These bonds have an electronegativity difference of \_\_\_\_\_ to \_\_\_\_\_.

Non-polar Covalent bonds form between 2 or more \_\_\_\_\_. These bonds have an electronegativity difference of \_\_\_\_\_ to \_\_\_\_\_.

Polar Covalent bonds form between two non-metals with an electronegativity difference of \_\_\_\_\_ to \_\_\_\_\_.

**Directions:** Determine whether the following bonds are ionic, polar covalent or non-polar covalent. Show the dipole moment under each of the bonds.

1. K—Br \_\_\_\_\_

2. C—O \_\_\_\_\_

3. Na—O \_\_\_\_\_

4. C—H \_\_\_\_\_

5. Br—Br \_\_\_\_\_

6. O—H \_\_\_\_\_

7. Cs—Cl \_\_\_\_\_

8. H—F \_\_\_\_\_

9. Fe—O \_\_\_\_\_

10. S—H \_\_\_\_\_