**Review Sheet: Quiz on Covalent Properties**

1. Explain how the structure of ionic compounds and covalent compounds differ from one another.
2. Explain how the structure of covalent compounds causes them to have a low melting and boiling point.
3. List three ways the properties of ionic compounds differ from those of covalent compounds. How many of these differences can be directly attributed to the molecular structure of covalent compounds?
4. Explain how two molecules tend to interact with one another in covalent compounds.
5. Explain why covalent compounds don’t conduct electricity.