**Short Answer Review Questions: Topics in Chemistry**

1) What are Dalton’s five laws? Which are correct?

2) Sketch the Bohr model of the atom and label the nucleus, orbitals, and electrons.

3) Explain the process by which light is emitted from an atom.

4) What is spectroscopy and how does it work?

5) What is the octet rule? How does it affect the formation of ionic compounds?

6) Why do ionic compounds only conduct electricity when they are melted or dissolved in water?