**Topics Quiz Review: Bohr Atom and Spectroscopy**

1. Explain how a light is given off when energy is added to an atom.
2. How are line spectra used to identify unknown samples?
3. What is an orbital? What role does it play in spectroscopy?
4. Draw the Bohr atom, labeling the following features: nucleus, orbital, electron, the location of the positive charge, the location of the negative charge.