**Biology Supplemental – Chemical Bonds- Covalent vs. Ionic**

**Video Review Sheet**

[**http://www.bozemanscience.com/chemical-bonds-covalent-vs-ionic**](http://www.bozemanscience.com/chemical-bonds-covalent-vs-ionic)

1. **What are chemical bonds?**
2. **What are the two major types of bonds discussed?**
3. **According to the octet rule, how many electrons do atoms want in their outer shell?**
4. **What is electronegativity?**
5. **What type of bond is H2O? Justify your answer by explaining the electronegativity rule.**
6. **What type of bond is NaCl? Justify your answer by explaining the electronegativity rule.**
7. **What type of bond is NH3? Justify your answer by explaining the electronegativity rule.**