**C.3d2-Covalent Bonding Properties**

1. Describe what happens to electrons in covalent bonding. Describe how this makes atoms stable (happy).
2. List some general properties of covalent bonding.
3. Draw a Lewis dot diagram for sulfur. State many dots does a Lewis dot diagram of sulfur have. State how many electrons it needs to share.
4. Draw an electron-dot diagram for ammonia showing covalent bonds. Ammonia is one nitrogen covalently bonded to 3 hydrogens.
5. You need to breathe oxygen to stay alive. Water is made of oxygen. Explain why you can’t breathe water to stay alive.
6. This electron dot diagram is not correct. Explain why.

