**Gas Laws Quiz Review – General**

1. Why is it reasonable for us to assume that gas molecules are infinitely small?
2. Where would I go to buy an ideal gas?
3. If I’ve got 45 moles of air at a pressure of 2.0 atm and a temperature of 110 degrees Celsius, how much space will it occupy? (R = 0.08206 Latm/molK)
4. The typical spacesuit contains 400 liters of air. If the temperature inside of a space capsule is 25 degrees Celsius and the temperature of the suit outside of the capsule is 121 degrees Celsius, what will the volume of the suit be outside the capsule?
5. Why are gases compressible?