**Study Guide for LeChatelier’s Principle**

1. As seen in the khan video, if the concentration of A is increased, explain why the concentration of B decreases.
2. Explain how the introduction of heat as a reactant would effect the concentration of the products.
3. When pressure increases, what does that do to the molecules of a system?
4. If the pressure of a system decreases, how would that affect the number of molecules in the system?
5. Consider the following reaction:
   1. O2 + 2H2 🡪 2H2O
      1. If the pressure of the system containing the reaction decreases, then which side of the reaction would be favored? Explain your answer.