Le Chatelier’s Worksheet Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Block \_\_\_\_ # \_\_\_\_\_

1. What is Le Châtelier’s Principle?

2. How can you cause changes in the following?  How does a change in them affect equilibrium?

Concentration

Pressure

Temperature

4. Consider:

2 NBr3 (s) http://sarahchem.com/sc/Images/EquilibriumArrowSmall.png N2 (g) + 3 Br2 (g)  
  
How would the reaction shift if…

* 1. The concentration of N2 is decreased?
  2. The concentration of Br2 is increased?
  3. The amount of NBr3 is doubled?