Approaching Equilibrium Worksheet

Read your text chapter 7 Nelson or Chapter 15 Wiley

1. What are the conditions necessary for equilibrium?

2. What is a forward reaction versus a reverse reaction?

3. Why does the forward reaction rate decrease as equilibrium is approached?

4. What are the characteristics of equilibrium?

5. Define equilibrium.

6. Define the word dynamic and explain its relevance to the concept of equilibrium.

7. Why does the reverse reaction rate increase as equilibrium is approached?

As a reaction is approaching equilibrium describe how the following change? Explain what causes each change. (Le Chatliers Principle)

8. Reactant concentration.

9. Products concentration.

10. Forward reaction rate.

11. Reverse reaction rate.

12. What is equal at equilibrium?

13. What is constant at equilibrium?

14. Sketch each graph to show how concentrations change as equilibrium is approached