The Equilibrium Constant

Pre-lesson Assignment - Textbook page160-161

Define the following terms

- Equilibrium Constant

Make notes on the Equilibrium Constant

Use the questions below as a guide

1. Write an expression for an equilibrium constant, K_c, given the equation aA + bB $\rightleftharpoons$ cC + dD
2. Explain each term in the above expression.
3. Write an expression for an equilibrium constant given the equation $CH_3COOH_{(l)}$ + $CH_3CH_2CH_2OH_{(l)}$ $\rightleftharpoons$ $CH_3COOCH_2CH_2CH_{3(l)}$ + $H_2O_{(l)}$
4. Write an expression for an equilibrium constant given the equation $2SO_{2(g)}$ + $O_{2(g)}$ $\rightleftharpoons$ $2SO_{3(g)}$
5. Explain how the equilibrium constant shows the position of equilibrium.