

Calculation involving Equilibrium constants

Introduction: The calculations involving equilibrium constants are important in understanding the changes occurring in a reversible reaction.

General equilibrium expression.

The Equilibrium Constant

- To generalize this expression, consider the reaction



- The equilibrium expression for this reaction would be

$$K_c = \frac{[C]^c[D]^d}{[A]^a[B]^b}$$

Video illustrating steps involved in calculating Equilibrium constants

https://www.youtube.com/watch?v=QsiGDZd1RF8&feature=emb_logo

This illustrates the steps involved in calculating Equilibrium constant.