## K<sub>EQ</sub> GENERAL EXPRESSION

$$x A + y B \Longrightarrow m C + n D$$

$${K}_{eq} = rac{[C]^m * [D]^n}{[A]^x * [B]^y}$$

- Upper Case "K" = Thermodynamic Equilibrium Constant
  - When reactant and product concentrations are equal

- Lower Case "k" = Reaction Rate Constant
  - Speed at which the reaction occurs

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