



CHEMISTRY

CHEAT SHEET

EQUILIBRIUM

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<p>What is Equilibrium?</p> <p>Chemical Equilibrium occurs when the concentrations of the chemical species remain the same with time (dynamic equilibrium). Equilibrium reactions are represented by the symbol \rightleftharpoons.</p> <p>Equilibrium Constant (K_c)</p> <p>For a general reaction:</p> $aA + bB \rightleftharpoons cC + dD$ <p>The equilibrium constant K_c is given by:</p> $K_c = \frac{[C]^c [D]^d}{[A]^a [B]^b}$	<p>Equilibrium Constant (K_p)</p> <p>For a general reaction:</p> $aA + bB \rightleftharpoons cC + dD$ <p>The equilibrium constant K_p is given by:</p> $K_p = \frac{P_C^c P_D^d}{P_A^a P_B^b}$	
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