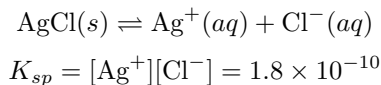
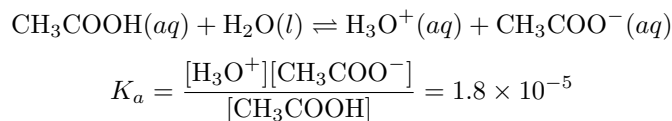


Types of Equilibrium Reactions and Constants

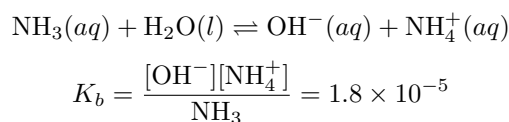
solubility reaction and solubility product (K_{sp})



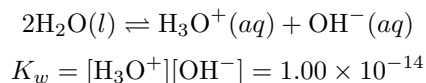
acid dissociation reaction and acid dissociation constant (K_a)



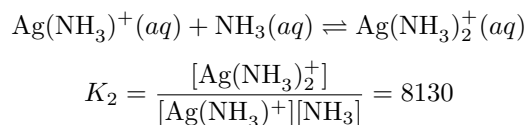
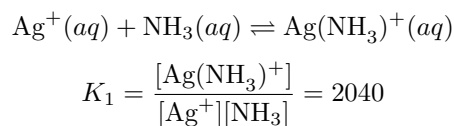
base dissociation reaction and base dissociation constant (K_b)



water dissociation reaction and water's dissociation constant (K_w)



complex formation reaction and step-wise formation constant (K_i)



complex formation reaction and overall formation constant (β_i)

