Salts
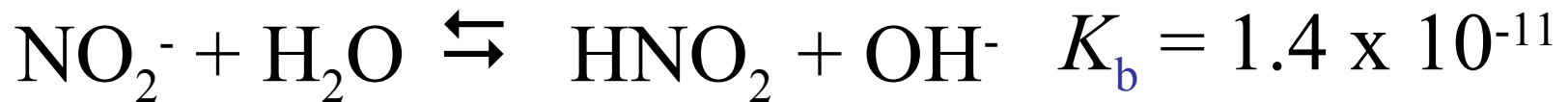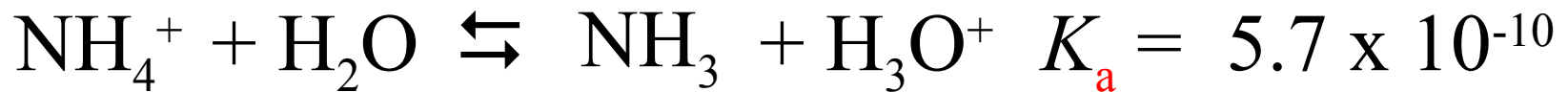
product of neutralization reaction

weak base

weak acid

NH_3

NH_4NO_2

HNO_2

$NH_4^+ + H_2O \rightleftharpoons NH_3 + H_3O^+$ $K_a = 5.7 \times 10^{-10}$

$NO_2^- + H_2O \rightleftharpoons HNO_2 + OH^-$ $K_b = 1.4 \times 10^{-11}$

acidic solution