

Berekenis van pK_2 , pK_b ?

$$pK_2 + pK_b = 14$$

pK_2 ?

$p = -\log$ (wiskundige functie)

$$pK_2 = -\log K_2$$

vb pK_2 van HCl = $-\log 10^{+6} = +(-6) = -6$

groot
klein



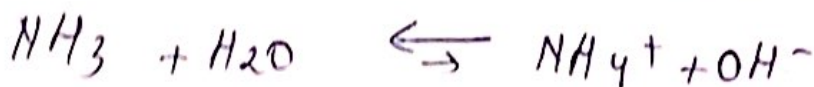
$$pK_b = -\log K_b$$

vb NH_3

$$pK_b \text{ van } NH_3 = -\log K_b = 4,76$$

$1,74 \cdot 10^{-5}$
 klein

'groot'



evenwicht
ligt eerder
naar links

$$pK_2 + pK_b = 14$$

$$\rightarrow \begin{array}{cc} HCl & | & Cl^- \\ -6 & & +20 \end{array} = 14$$

$$\begin{array}{cc} NH_4^+ & | & NH_3 \\ 9,24 & & 4,76 \end{array} = 14$$