

$$(16.39) \quad [H^+] = 7.5 \times 10^{-3}$$

2.12 $\Rightarrow pH = -\log(H^+)$
11.88 $pOH = 14 - pH$
 (OH^-)

$$\begin{aligned} pOH &= -\log(OH^-) \\ 11.88 &= -\log(OH^-) \\ -11.88 &= \log(OH^-) \\ [OH^-] &= 1.32 \times 10^{-12} \end{aligned}$$

Feb 22-7:53 AM

 K_c (eq) K_p (g)No (S) or (Q) K_w (H_2O) K_a

WA

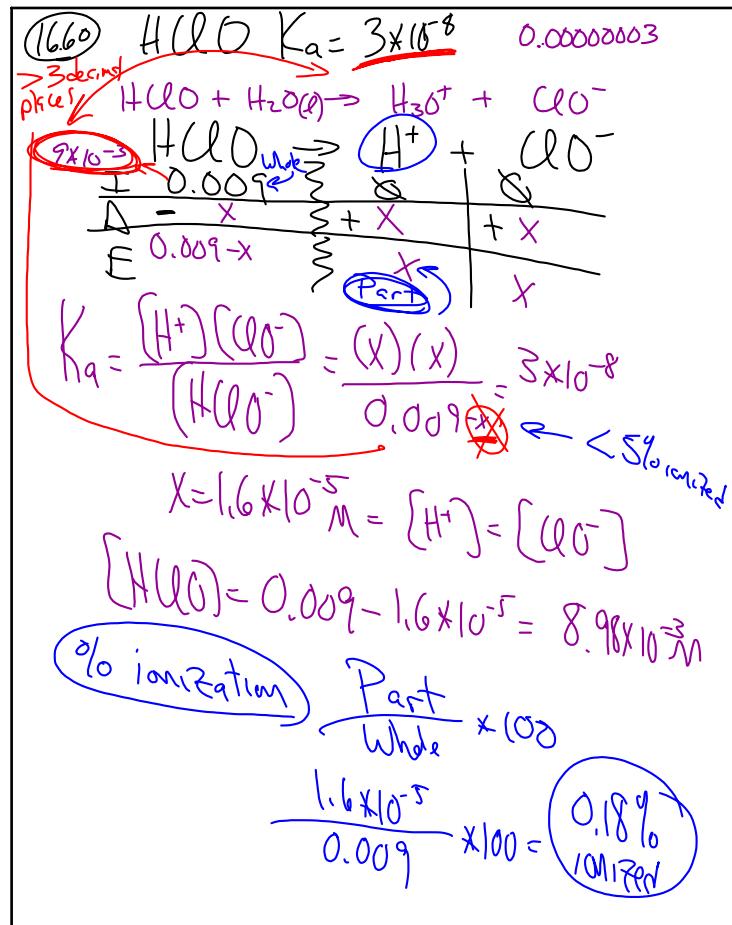
pH 15

 K_b

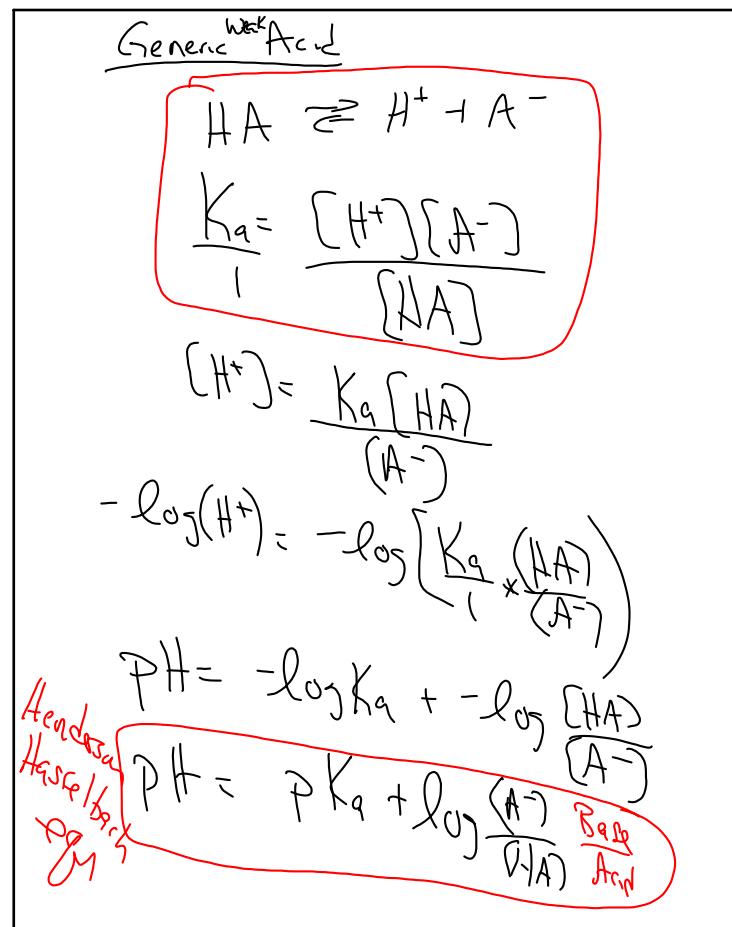
WB

pH 6

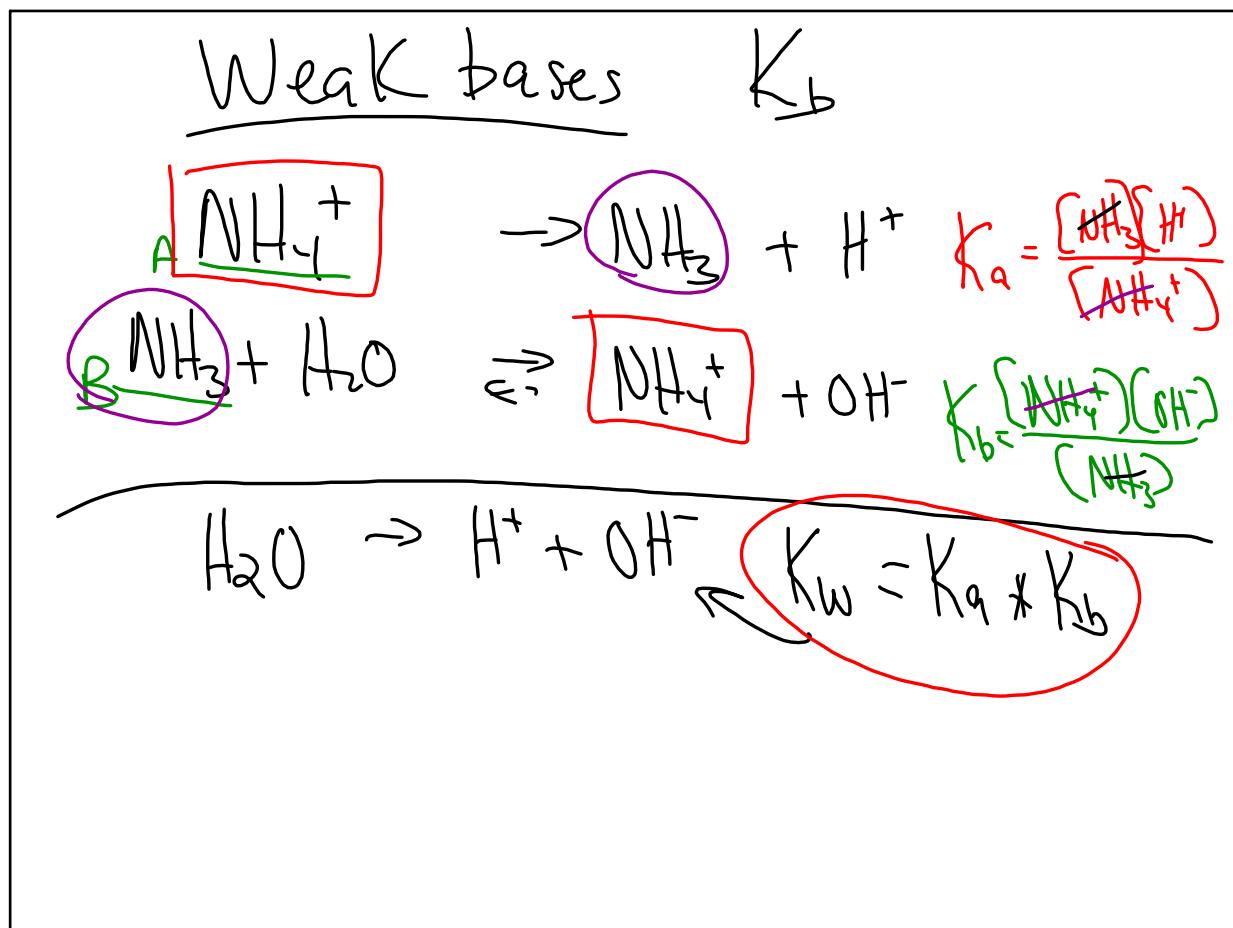
Feb 22-8:43 AM



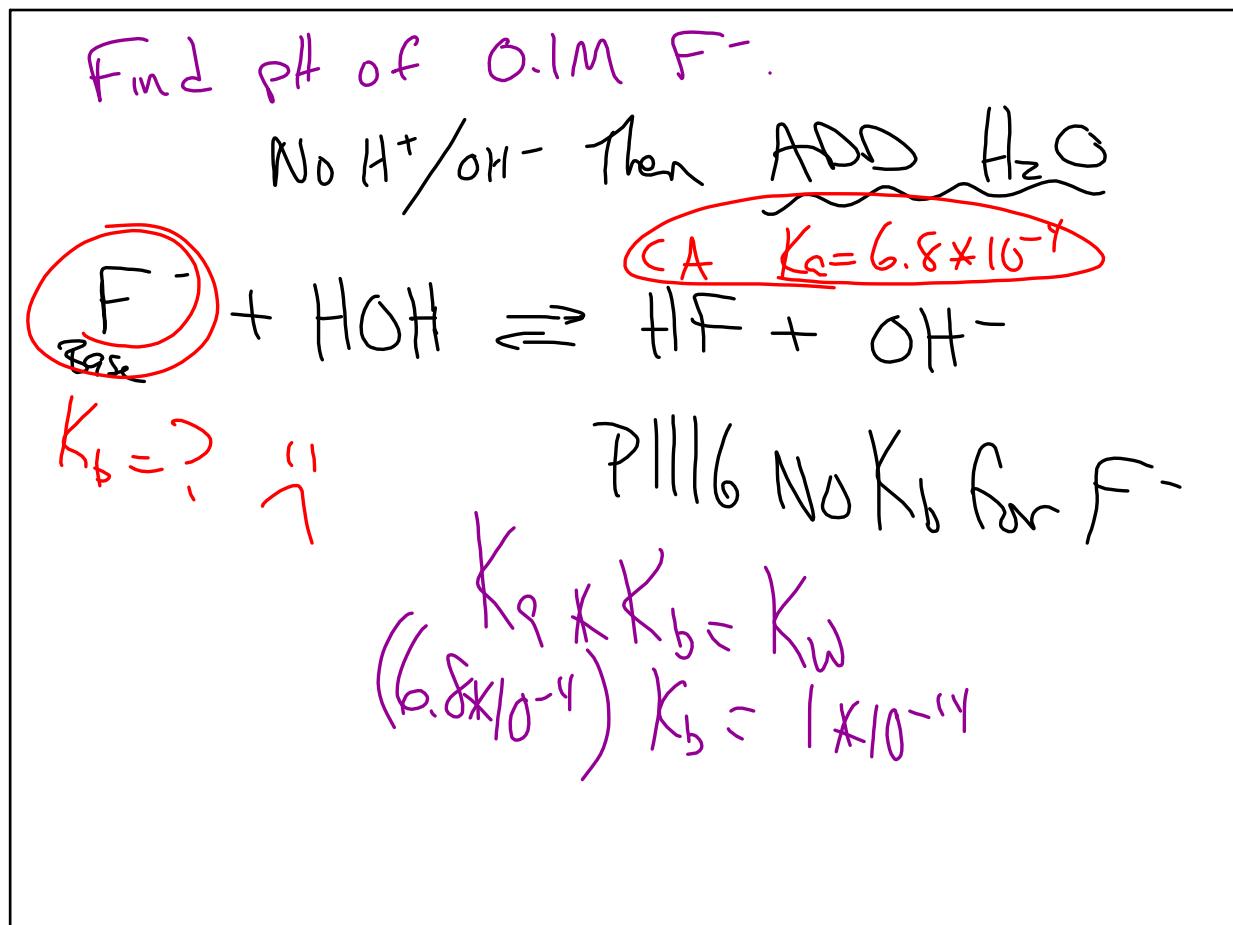
Feb 22-8:46 AM



Feb 22-9:03 AM



Feb 22-9:07 AM



Feb 22-9:11 AM

16 / 76 384
76 + 84

Feb 22-9:16 AM