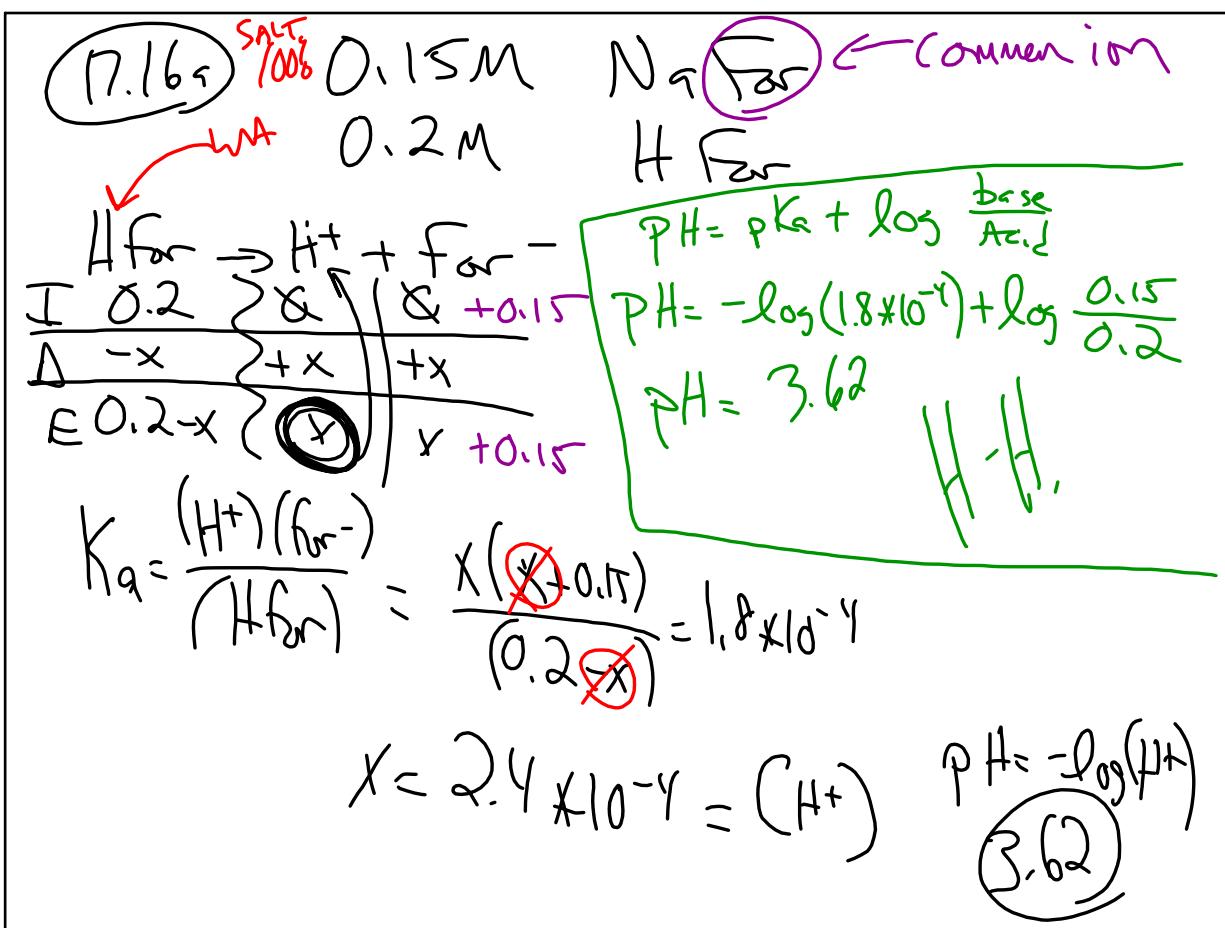
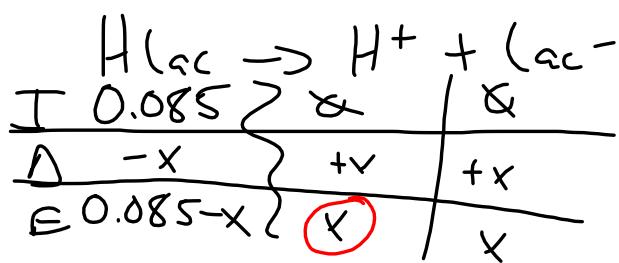


Feb 28-8:30 AM



Feb 28-8:47 AM

7.18 (0.085M HAc) $K_a = 1.4 \times 10^{-5}$

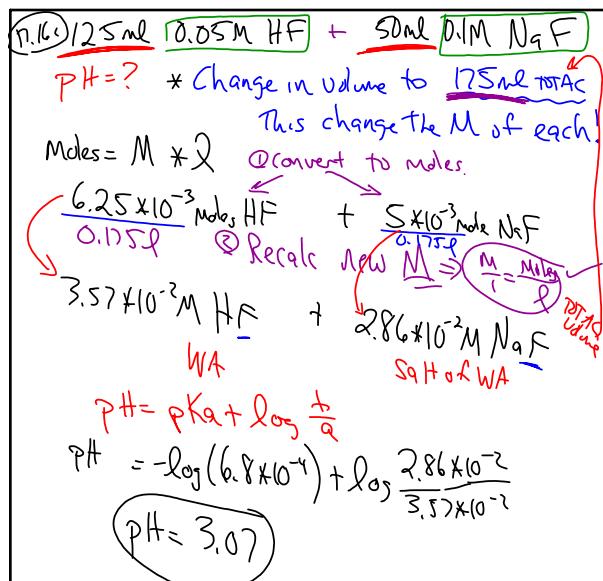


$$\% \text{ ionized} = \frac{x}{0.085}$$

$$K_a = \frac{(\text{H}^+)(\text{Ac}^-)}{(\text{HAc})} = \frac{(x)(x)}{0.085-x} = 1.4 \times 10^{-5}$$

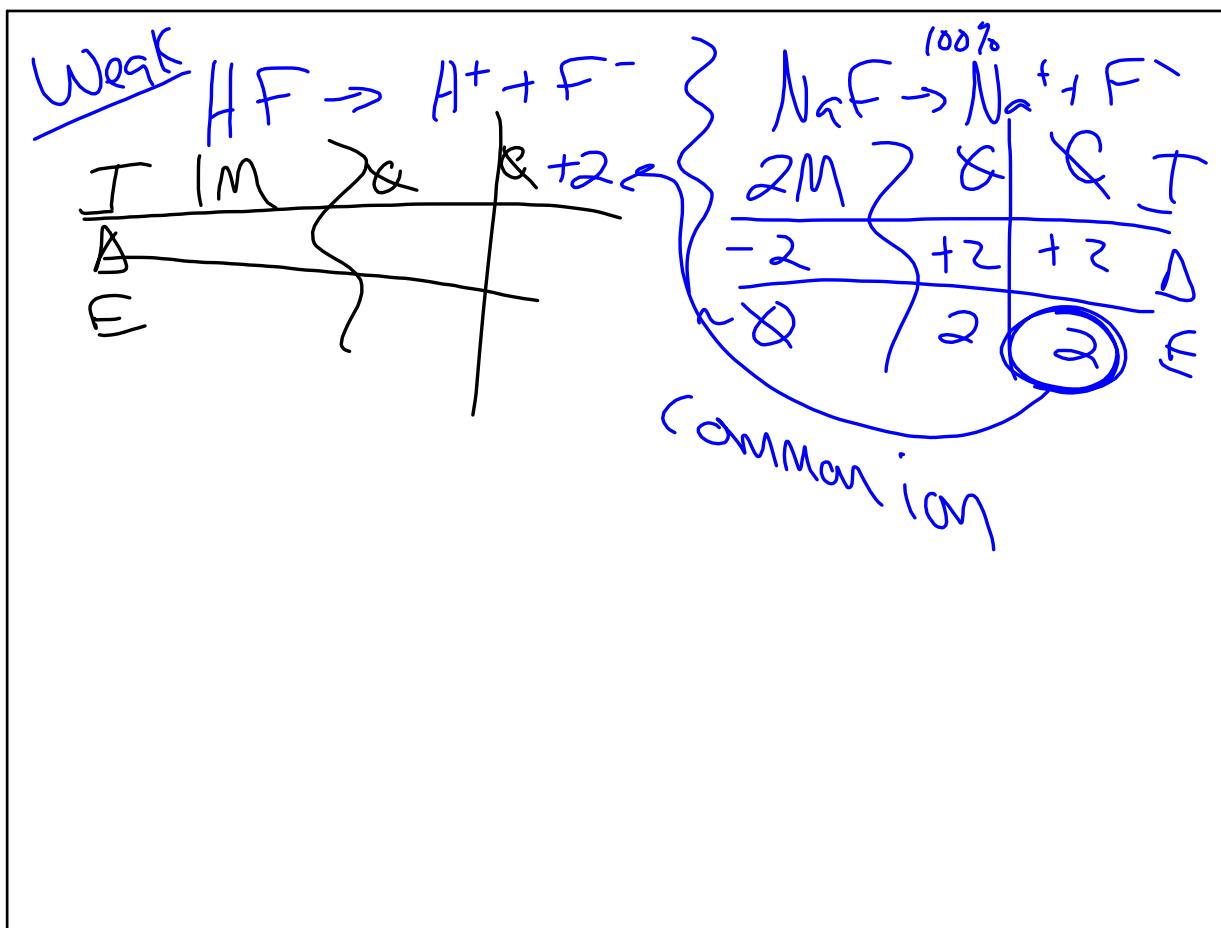
$$x = \underline{\hspace{2cm}}$$

Feb 28-8:54 AM



pH ↑
less acidic
(fewer H⁺)

Feb 28-8:58 AM



Feb 28-9:13 AM

HW: 17 / 21

Feb 28-9:15 AM