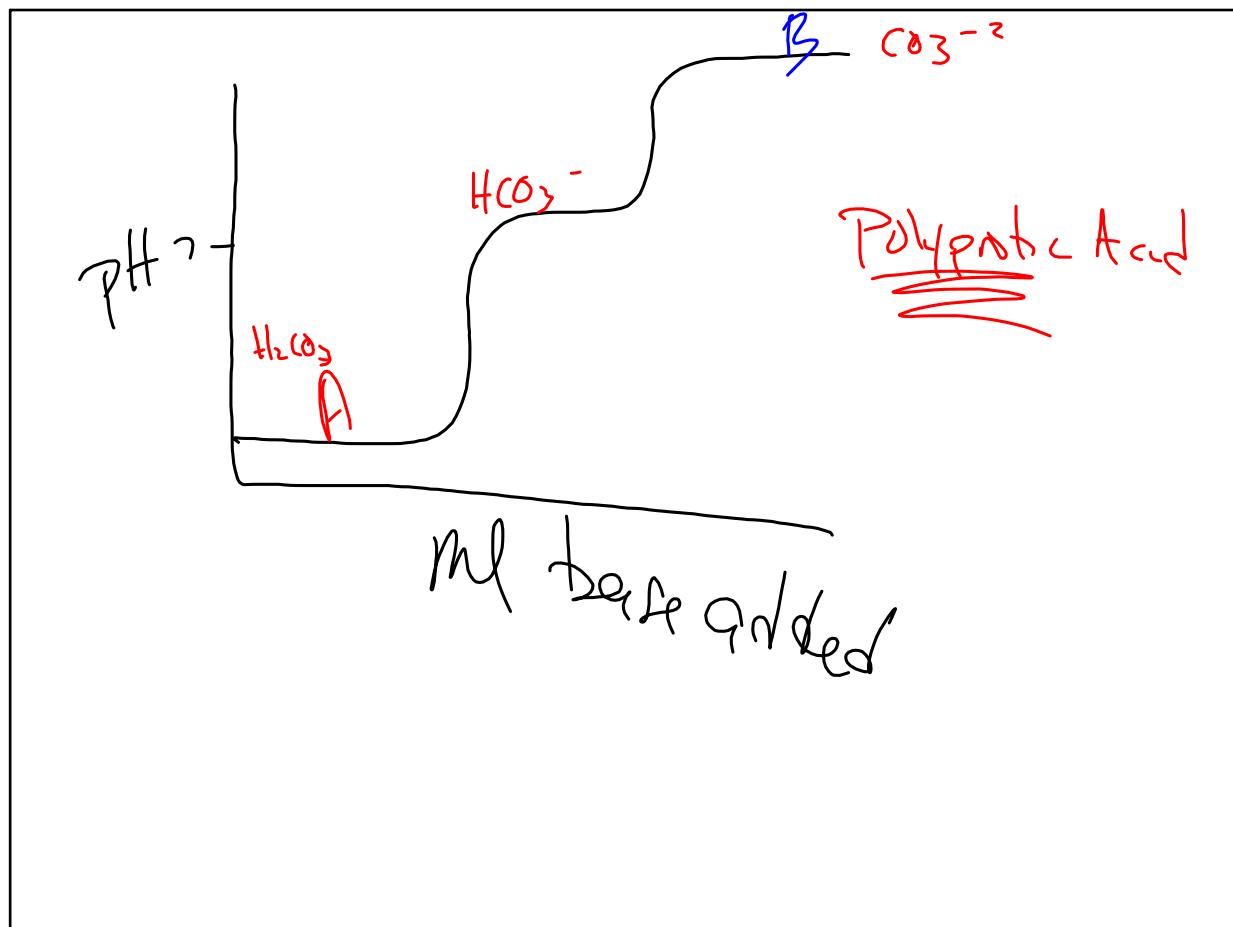
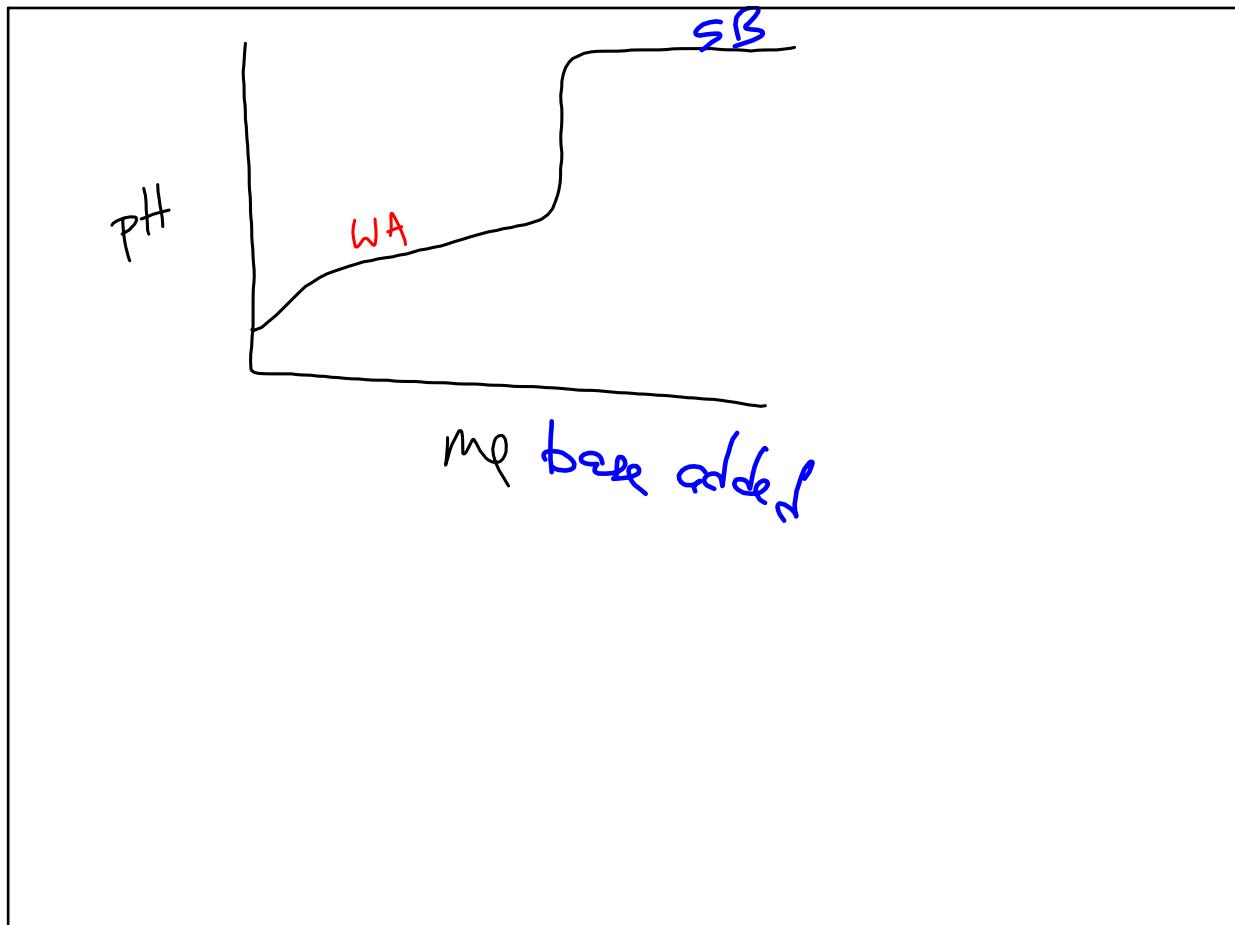


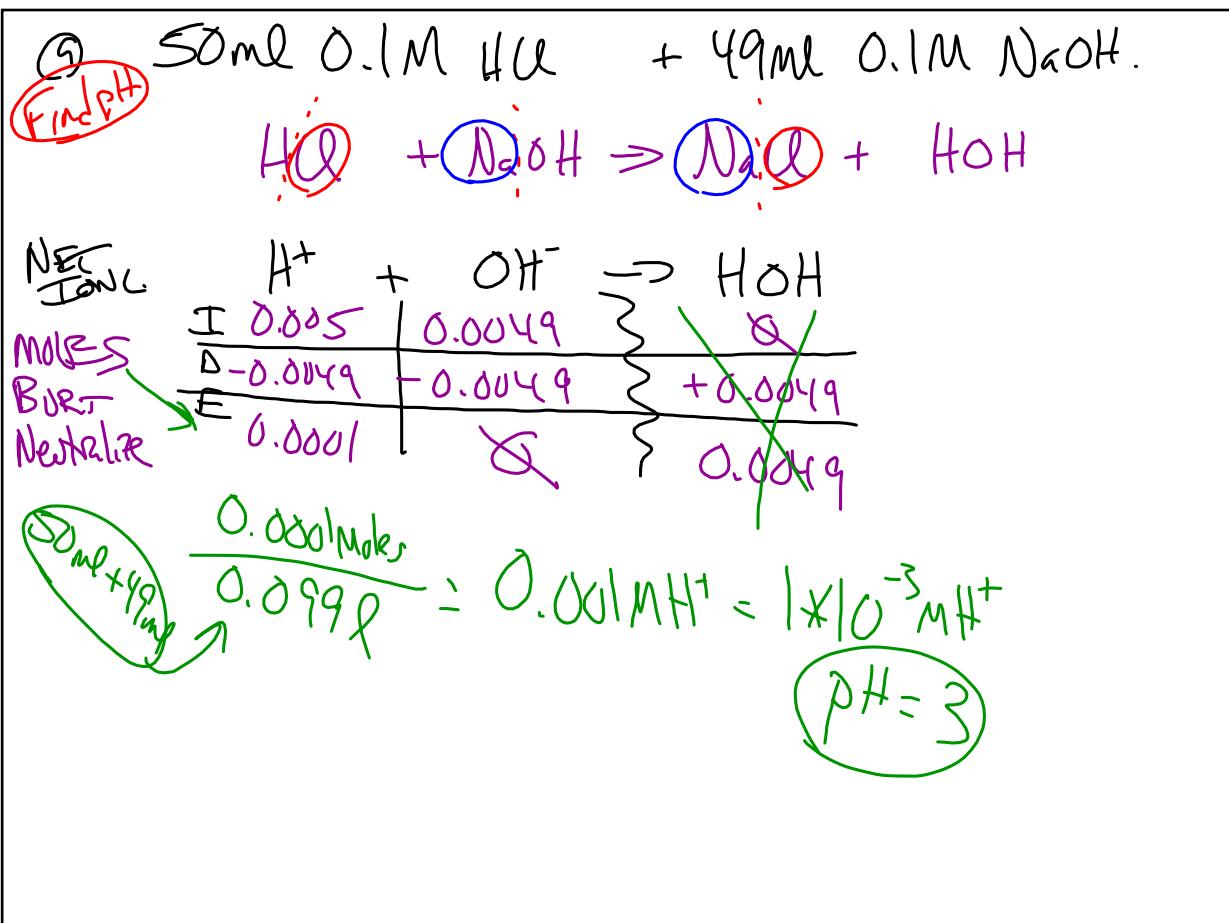
Mar 7-7:38 AM



Mar 7-8:04 AM

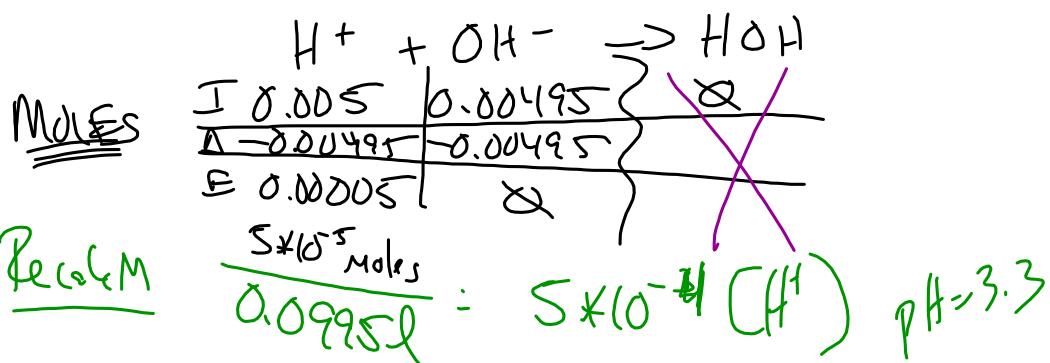


Mar 7-8:06 AM



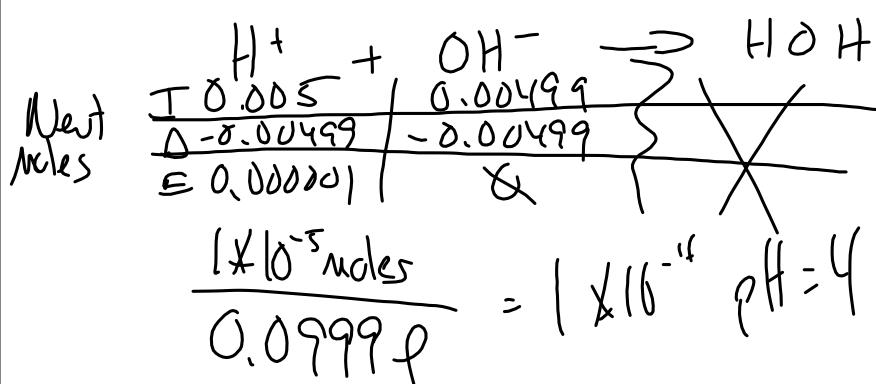
Mar 7-8:16 AM

Q) 50 ml 0.1M HCl + 49.5 ml NaOH.



Mar 7-8:26 AM

Q) 50 ml 0.1M HCl + 49.9 ml NaOH.

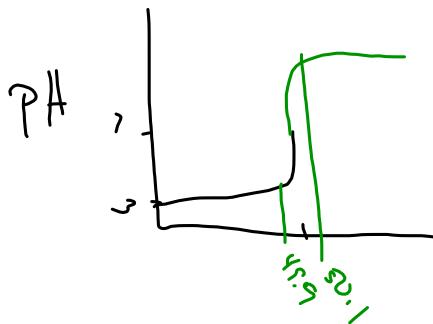


Mar 7-8:30 AM

④ 50ml 0.1M HCl + 50ml 0.1M NaOH.

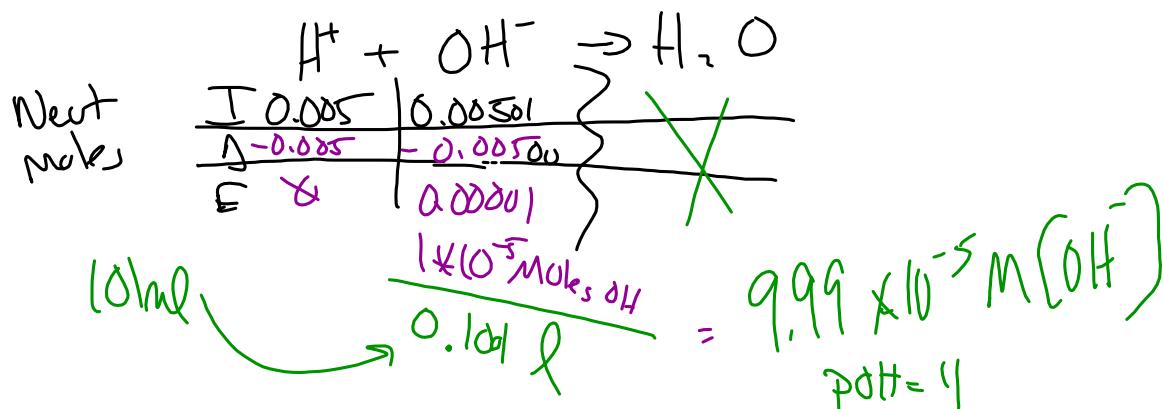
Equal #'s \rightarrow Equal moles

$$\text{pH} = 7$$



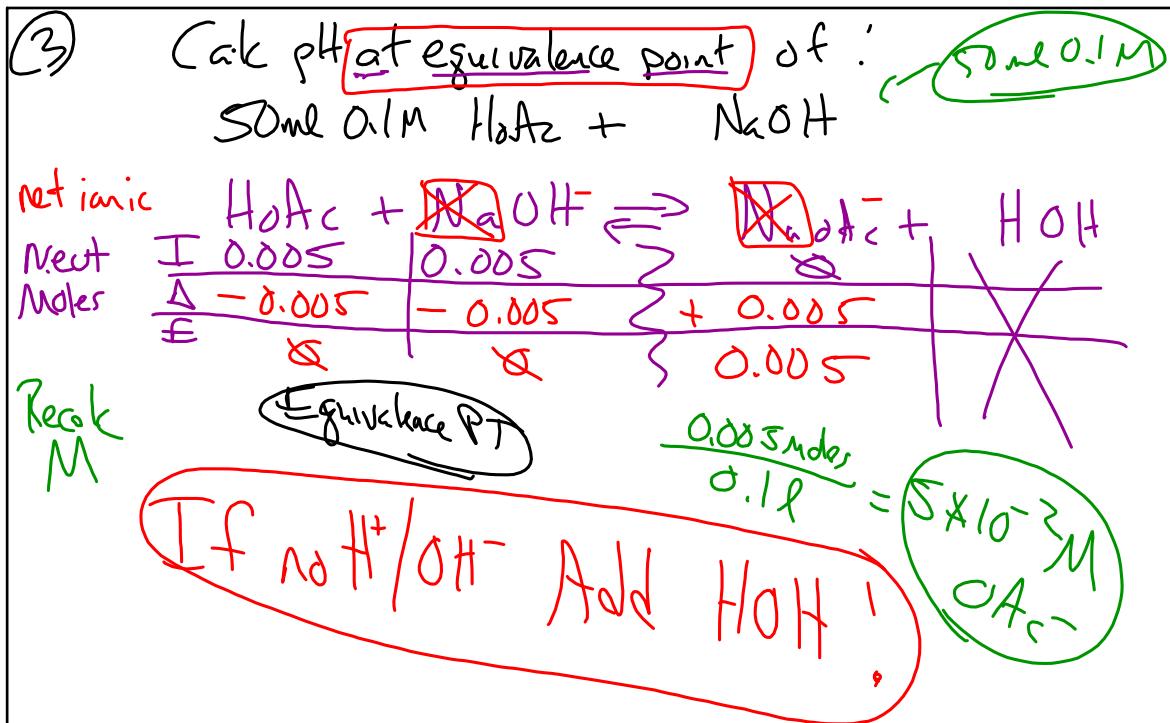
Mar 7-8:36 AM

⑤ 50ml 0.1M HCl + 50.1 ml 0.1M NaOH

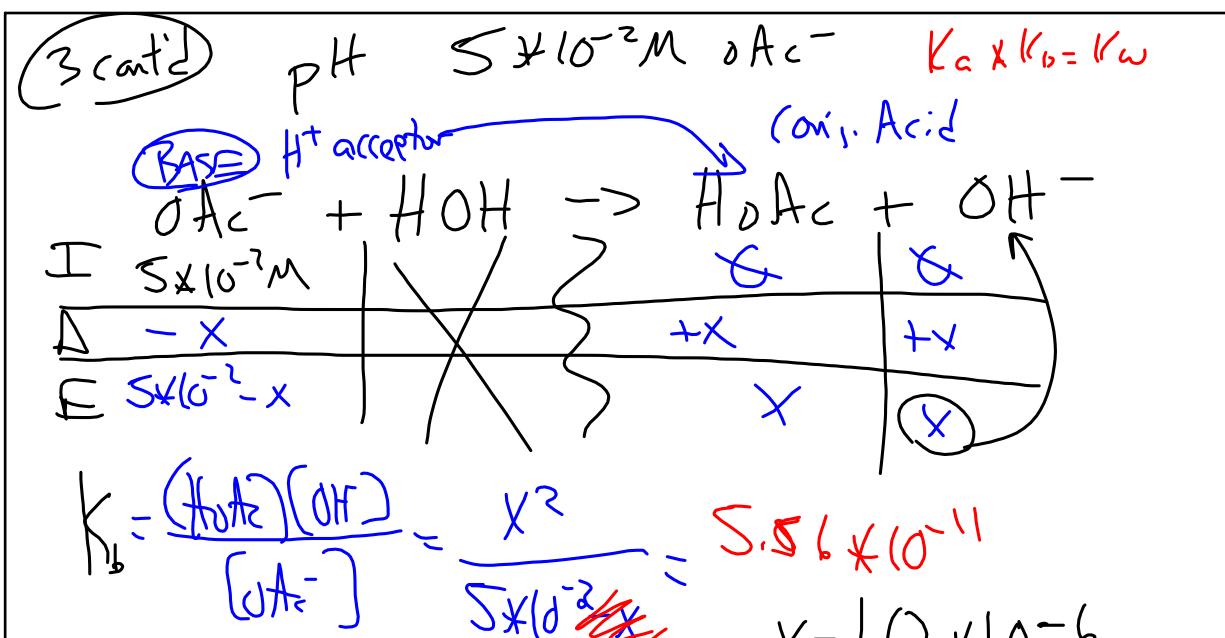


$$\text{pH} = 10$$

Mar 7-8:38 AM

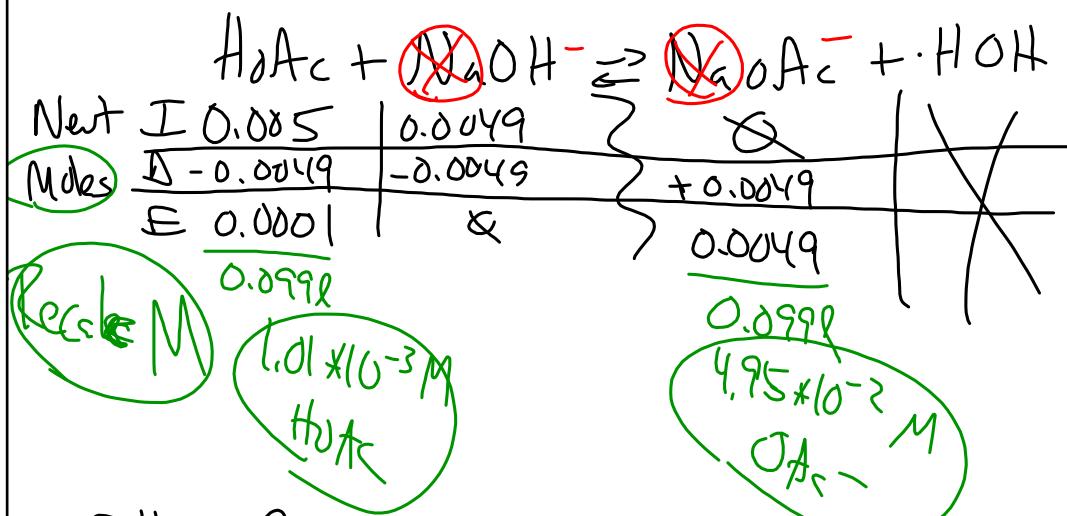


Mar 7-8:44 AM



Mar 7-8:53 AM

③ 50ml 0.1M H_3Ac + 49ml 0.1M NaOH.



$$\text{pH} = -\log(1.8 \times 10^{-5}) + \log \frac{4.95 \times 10^{-2}}{1.01 \times 10^{-3}} = 6.44$$

Mar 7-9:00 AM

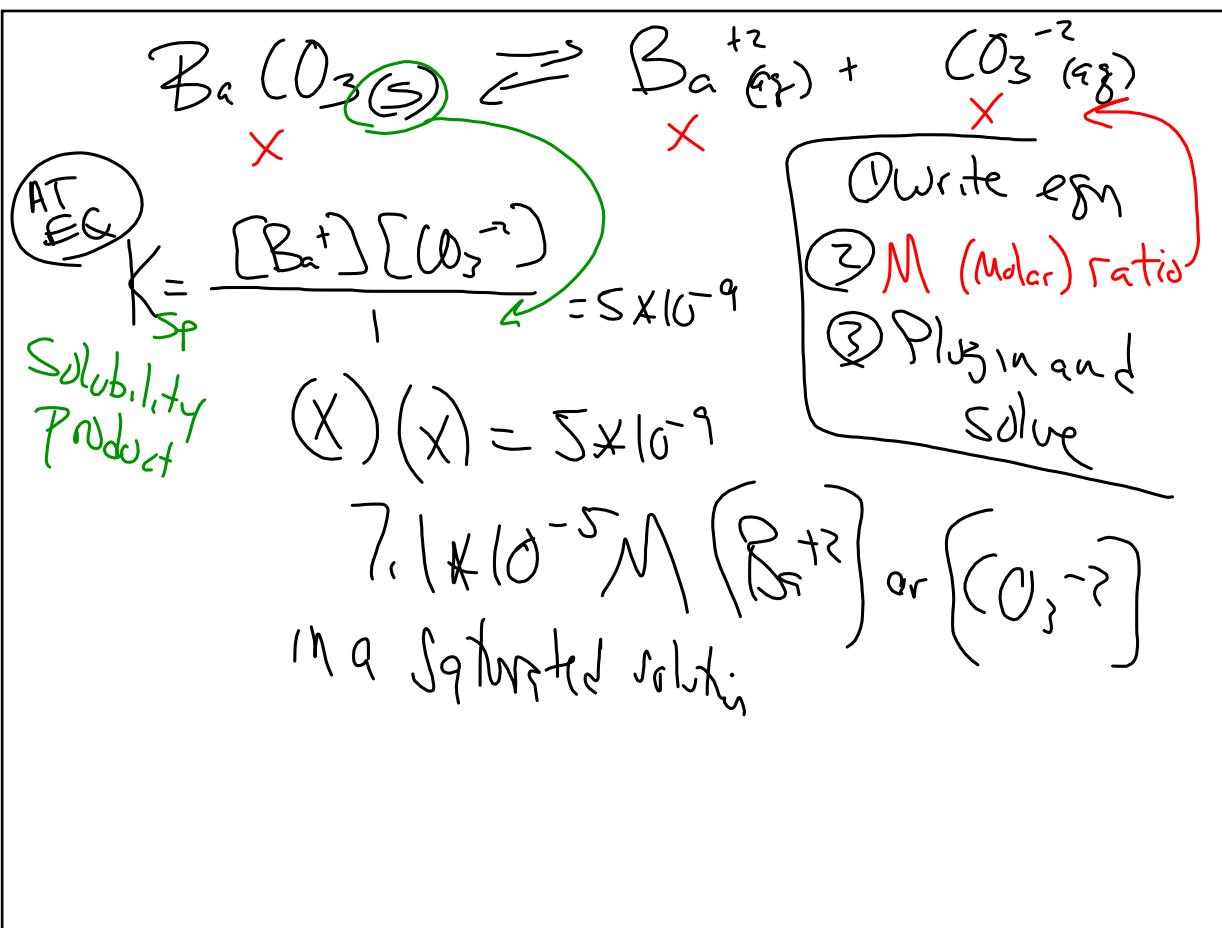
Solubility equilibrium.

K_{sp} on page 1116

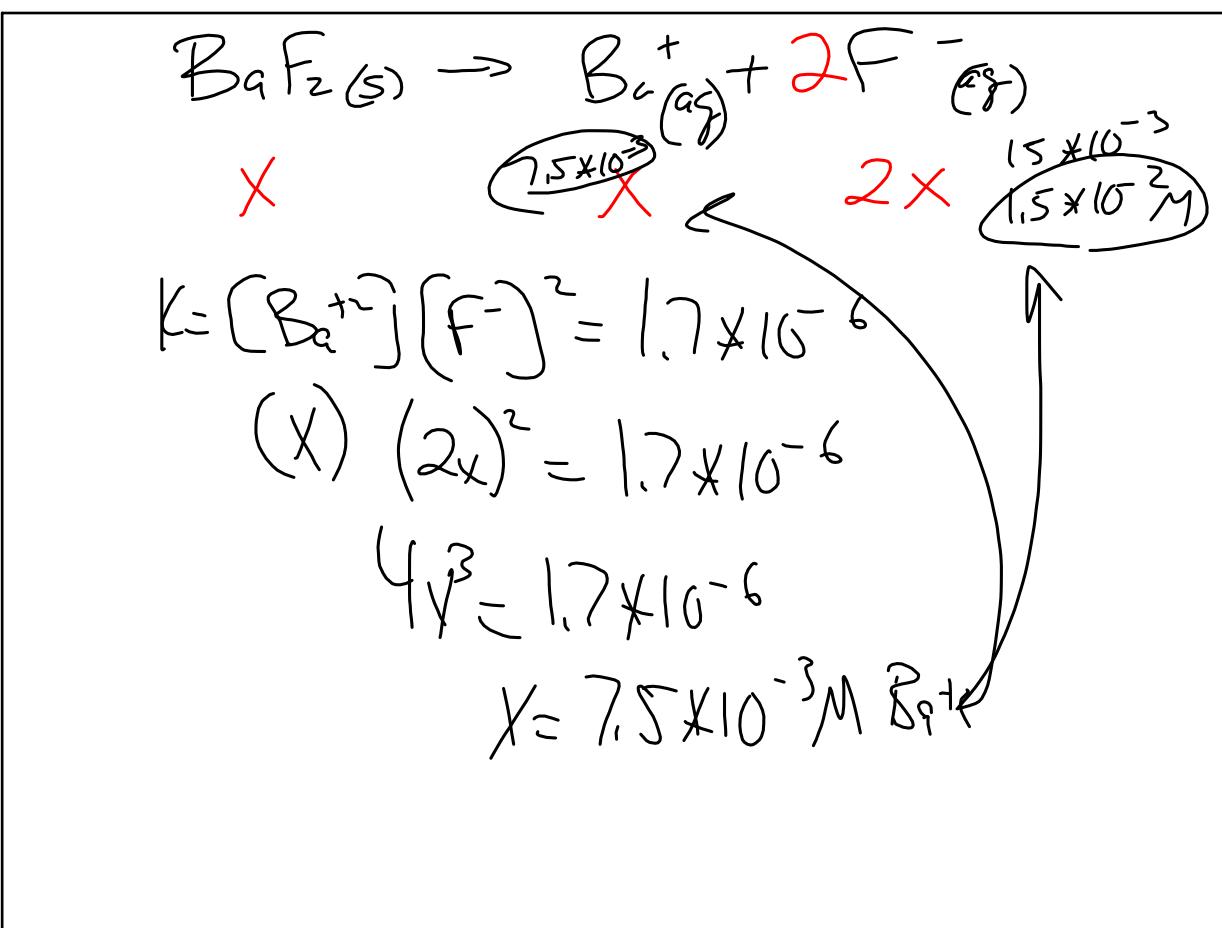
"insoluble" solids.

break up so very little.

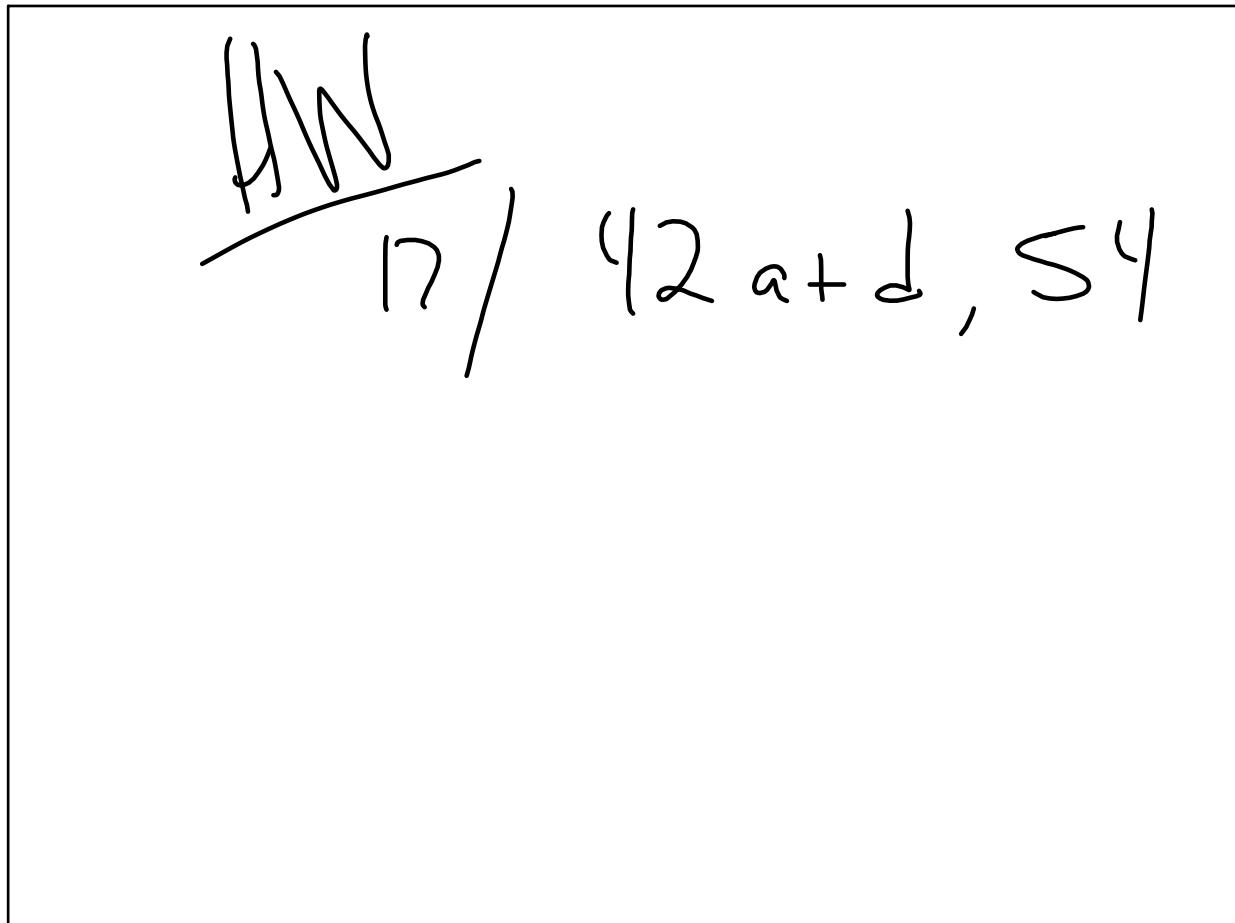
Mar 7-9:07 AM



Mar 7-9:08 AM



Mar 7-9:12 AM



Mar 7-9:15 AM