

SCH 4U - 2020-06-09 (Tuesday)

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Good Morning Again!

Video is currently uploading and processing. You should have no trouble finding it on a refreshed Equilibrium (Acid/Base) Mini Unit page.

This is difficult stuff. Please do what you can to make sense of it. Your understanding of this process will more than pay off in your future studies, particularly aspects of biochemistry and chemical engineering, not mention getting you through your first year chemistry course once you are at a university!

I will add more tomorrow. This is what this week is about, getting a good understanding of this content. I may go to new stuff on Friday, but if I do, it will be much more straight forward.

Questions that you can do are as follows. Please note these are questions, not problems:

#2 a to f -- work from yesterday along with #1 and #3

#6 (if you do not understand this question you should ask for help)

a strong base has a weak conjugate acid (strong base holds on to and keeps a proton making an acid that is unwilling to donate a proton)

a weak base has a strong conjugate acid (weak bases are not good at keeping protons and are therefore easily donated, therefore strong acid)

#8 a to f, h, i

I hope you enjoy these problems. The better base gets the proton and therefore looks like an acid!

Mr. S.

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