

SCH 4U - 2020-04-30 (Thursday)

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Good Morning

Please check in: <https://forms.office.com/Pages/ResponsePage.aspx?id=GAmPRLReCU2WCd35yhGvQsuodiaVPQJHoMguHaAhWSBUOFQ5MkJQUkU0WDJEWTZKMIcxQIA0V0JUVyQIQCN0PWcu>

The goal today is fairly simple. Do more titration calculations. You could review the content from the video yesterday. Please be sure that you have understood the steps

1. Write a chemical reaction (neutralization reaction) for simple one acid, one base questions only.
2. Using the protism, come up with the correct form of the titration equation. (i.e. $2n_A \text{H}_2\text{SO}_4 = 3n_B \text{H}_3\text{PO}_4 + 2n_B \text{Na}_2\text{CO}_3$)
3. Substitute $n = CV$ whenever a solution is present
4. Solve!

Be aware the M is really mol/L and that when in doubt, L is the best unit to work in.

If you finish the first worksheet today, that would be great. <http://www.schlenkerchem.org/4U/4U%20titrations/worksheets/ws%20titration%20questions1.pdf>

The second worksheet will be for tomorrow.

You could also look at page 595 in the text.

Have a good day and Stay Safe.

Mr. Schlenker

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