

SNC 2P - 2020-05-25 (Monday)

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Hello All:

A slightly more challenging set of instructions today:

I have uploaded a video of the "how to" for Bohr diagrams. You may have seen this in grade 9. The video is a youtube video. It is good quality resolution at 1080p. You may need to adjust the video quality using the gear in the lower right of your youtube viewer. You can select different resolutions. This can be helpful if you bandwidth is low and the video keeps pausing. I have also created a link on my website to the video. It is in the chemistry unit, top centre. Don't forget about the refresh button on your browser. Usually an circlish arrow.

Anyways, here is the goals for the day.

1. Check In: <https://forms.office.com/Pages/ResponsePage.aspx?id=G&id=GAmpRLReCU2WCd35yhGvQuASPjs6aYVfK-EAh60FvohUQ0o4S1ILM001VkFSQ1IJREIUWFFKNDhTWiQIQCN0PWcu>

2. Watch the video: See if you can find the link on the website, or just use this link:
<https://www.youtube.com/watch?v=GAgMUqFgmXg&feature=youtu.be>

3. Look at the answers on this sheet: <http://www.schlenkerchem.org/2P/Chemistry/Worksheets/ws%20bohr%20diagrams%20periodic%20table.pdf>
ANSWERS ARE HERE: <http://www.schlenkerchem.org/2P/Chemistry/Worksheets/ws%20bohr%20diagrams%20periodic%20table%20answers.pdf>

4. Try to complete the first and third column in this sheet (could use scrap paper instead of printing). These two columns are the neutral atom columns. <http://www.schlenkerchem.org/2P/Chemistry/Worksheets/ws%20octet%20rule%20bohr%20diagrams%20with%20circles.pdf>

5. Answer these question and send back to me:

1. How many protons in a chlorine atom?
2. How many electrons in a chlorine atom?
3. How many electrons in the first (inner most) shell of a chlorine atom?
4. How many electrons in the second shell of a chlorine atom?
5. How many electrons in the third outermost shell of a chlorine atom?
6. In total how many pairs of electrons are in a chlorine atom?
7. How many single electrons are in a chlorine atom?

Have fun. Hope my voice doesn't put you to sleep!

Mr. Schlenker

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