

SNC 2P - 2020-06-03

From: Fred Schlenker <fred_schlenker@bwdsb.on.ca>

Date: Wed, 3 Jun 2020 15:24:26 +0000 (2020-06-03 11:24:26 AM)

Please check in: <https://forms.office.com/Pages/ResponsePage.aspx?id=GAmPRLReCU2WCd35yhGvQuASPjs6aYVfK-EAh60FvohUQzNYT1ILQIY2NDRIUIpLRzhWNUhUT0taUCQIQCN0PWcu>

The octet rule that we have been learning is very important for what we are going to do next. Therefore, one more day spent practicing the octet rule. If you have not figured it out yet, please make a good effort to do so. We have been repeating the same work since last Friday. If you think you are behind, figure this out and you will be caught up!!!

1. Watch the video again: <https://www.youtube.com/watch?v=aiGXSZsyjls&feature=youtu.be>
2. Do this sheet: <http://www.schlenkerchem.org/2P/Chemistry/Worksheets/ws%20ions%20for%20Octet%20rule%20exercise.pdf>

The first three columns are not that important. The last column is!

Column #1: The number of valence electrons is the number of electrons in the outermost shell.

Column #2: Loses electrons if the element goes backwards to the nearest noble gas, Gains electrons if the element goes forwards to the nearest noble gas, Loses/Gains is the element is in the carbon column because these elements find it equally easy to go either way.

Column #3: Count the number of jumps to make it to the nearest noble gas. (Sodium as to go back one space)

Column #4: The resulting ion is the important part.

3. If you are able to print out the sheet (<http://www.schlenkerchem.org/2P/Chemistry/Worksheets/ws%20ions%20for%20octet%20rule%20exercise.pdf>), fill it out and send me a picture. If you are not able to do this, send me an email with the answers in order. For example: O²⁻, As³⁻, Br¹⁻ etc. I will know what the question is because the element symbol does not change.

If you need or want to look at the answers, here they are!: <http://www.schlenkerchem.org/2P/Chemistry/Worksheets/ws%20ions%20for%20octet%20rule%20exercise%20answers.pdf>

Have a good one!

Mr. S.

(O) This message and/or attachment is intended for the sole use of the individual to which it is addressed and may contain information that is privileged and confidential. If the reader of this message is not the intended recipient or an authorized representative of the intended recipient, you are hereby notified that any dissemination of this communication is strictly prohibited. If you have received this communication in error, please notify me immediately and delete the message and any attachments from your system