

NOTE-TAKING GUIDE UNIT 4, SEGMENT D

Name:

Date:

Main	Ideas,	Key	Points,
	tions		

After watching the video segment, write down key points, main ideas and big questions.

HIA	ective	(e)
UU	CULIVE	

• To use simulations to investigate all types of intramolceular bonds, including double and triple covalent bonds.

Notes:

During the video segment, use words, phrases or drawings to take notes.

Summary:

After watching the video segment, write at least three sentences explaining what you learned. You can ask yourself: "If I was going to explain this to someone else, what would I say?"



QUESTIONS TO CONSIDER: UNIT 4, SEGMENT D

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After watching the video and performing any associated labs and/or experiments, you should be able to answer the following:

Yo	u should have used this website as a simulation of intramolecular bond formation:
	https://phet.colorado.edu/en/simulation/legacy/molecule-polarity
Us	e your experience using this simulation to answer the following questions:
1.	If two atoms form a mostly ionic bond, what is the range of differences between their electronegativities?
2.	If two atoms form a polar covalent bond, what is the range of differences between their electronegativities?
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3.	If two atoms form a mostly covalent bond, what is the range of differences between their electronegativities?
4.	If two atoms form a nonpolar covalent bond, what is the range of differences between their electronegativities?
	in the atome form a nonpolar covalent bond, what is the range of anterended between their close charge at the
5.	Why are some elements such as hydrogen, often found as diatomic molecules?
6.	How do double and triple covalent bonds form?