

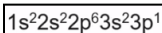
AP Chemistry Daily Videos

1.8 Valence Electrons and Ionic Compounds

Video #1

1. Why are valence electrons the focus of our attention?

2. Pause the video at 2:35 and attempt the problem, then evaluate how you did and identify any errors.



Element X has the electron configuration above, what is the formula for the compound formed between element X and chlorine.

3. Pause the video at 3:40 and attempt the problem, then evaluate how you did and identify any errors.

A student claims that a compound with sodium and fluorine and a compound with sodium and oxygen will have the same formula. Do you agree? Explain why or why not.