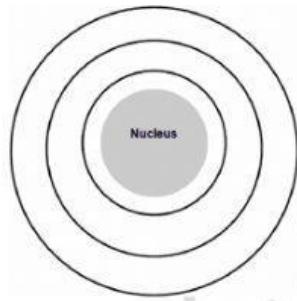
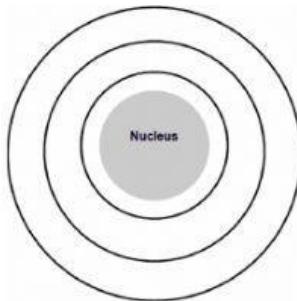




Ions 101 Video Review

1. What are ions? _____

2. Fill out the following Bohr models for Sodium and Chlorine from the video.



3. What makes an atom have a neutral charge? _____

4. What types of elements make an ionic bond? _____

5. What do elements do with valence electrons in an ionic bond? _____

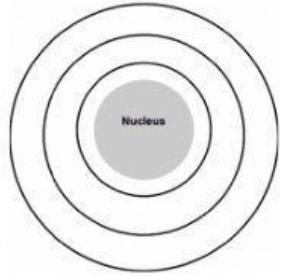
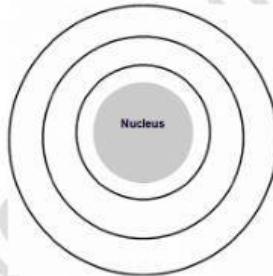
6. What does sodium do with its valence electron? _____

Why does sodium do this? _____

What is sodium's oxidation #/charge now? Explain why. _____

7. What is chlorine's oxidation #/charge now? Explain why. _____

8. Make an ionic bond with Beryllium Oxide and label the resulting charge of each.



Find the ionic charge of each

Ionic Charge:

8p, 9n, 8e = _____ 7p, 7n, 8e = _____ 3p, 4n, 1e = _____ 10p, 12n, 14e = _____

*Bonus – Why don't you need the number of neutrons when finding the ionic number? _____