

This homework assignment focused on identifying different atoms and their make up including the amount of protons, neutrons, electrons and mass. It also focused on electron configuration for different elements. Additionally, there were questions on how charge influences sizes of ions and bonding and properties of those bonded atoms. There was also one question on the ability to conduct electricity based on properties.

I felt comfortable identifying the atoms and their properties including mass, protons, neutrons and electrons. I also was comfortable doing electron configurations even though I switched the order of the shells when writing them out. I have identified this mistake and it is easy to fix. I knew and understood why ions have different sizes. I had trouble with question 5 because I did not understand what characterizing the ionic character of bonds. I understand this mistake now and I will go over my notes to ensure I understand this topic. I also struggled to understand the type of materials that would be created as a result of different bonds so I will go over that on my own. Finally, for question 6, I did understand the reason for metallic bonds have more conductivity.