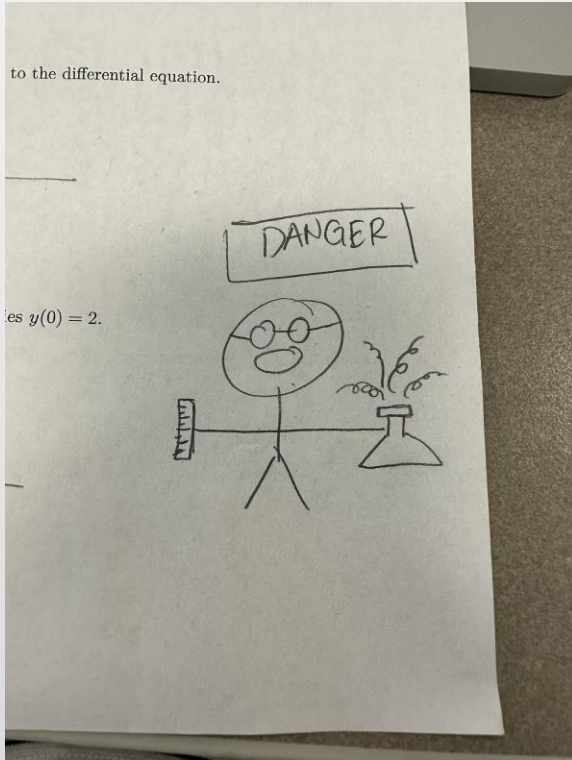
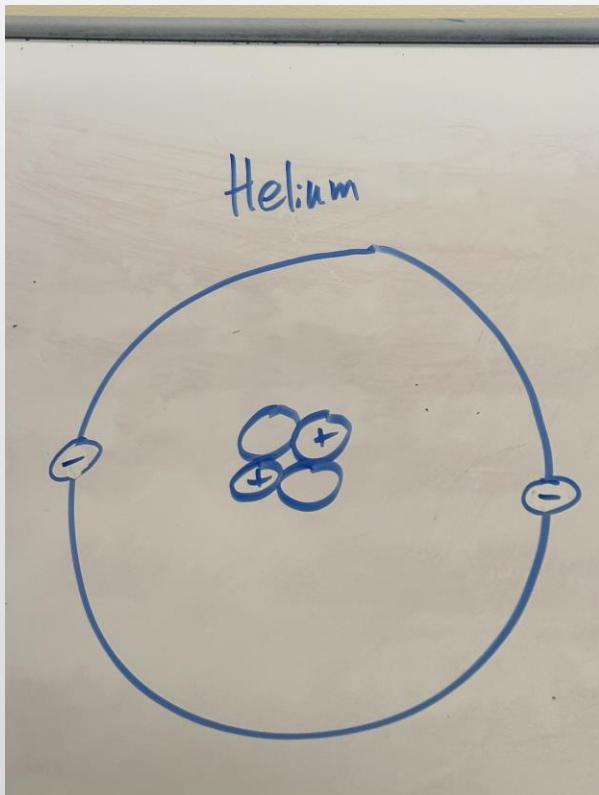


ITEM 1



Scientists solve real world problems and perform research to discover new things. From the progress that scientists make, we get better technologies and medicines. Scientists learn new things and apply that new knowledge.

ITEM 2



The diagram that we drew is correct in that all the components are represented. However, electrons do not move in a linear orbit; rather they take many many different paths which creates a shell surrounding the nucleus.

ITEM 3

My intended major is computer science under the SEAS, so this chemistry class+lab is a general requirement for my degree. While I'm at UVA I hope to network as much as possible in order to find new opportunities that help my future career. My hobbies include working out and playing basketball. When I'm not studying or completing coursework, I'm spending time with my friends doing spontaneous things. I took an AP chemistry class in junior year of high school, so I have some foundation at least. After this chem 1410 class, I want to be more experienced and confident in doing chemistry things.