

Complete the following questions based on the in class presentation

Define the following terms: <i>repulsion</i> and <i>attraction</i> .		List the interaction between the following subatomic particles	
Repulsion		$p^+ - p^+$	
Attraction		$p^+ - e^-$	
In the atom, what occurs with a proton ( $p^+$ ) directly contacts an electrons ( $e^-$ )?		What causes the circular path of electrons ( $e^-$ ) within the atomic orbital structure?	
Within the nucleus of the atom, what is the role of the neutrons ( $n^0$ )		Define <i>shielding</i> within the nucleus of an atom	
Give the base definition of the <i>Bohr's Atomic Theory</i>		Define energy levels within an atom.	
Define the term <i>quantized</i>		Define the following terms: <i>Inner Electrons</i> , and <i>Bonding or Valance Electrons</i>	
		Inner Electrons	
		Valance Electrons	
Define the <i>Heisenberg Uncertainty Principle</i>		How does the <i>Heisenberg Uncertainty Principle</i> disprove the Bohr Model?	

In the modern atomic model, where to electrons exist within the atom?	How do electrons exist within the atom?	
	Number of Electrons	
	Spin of Electrons	
What are the four main orbital types within the modern atomic structure?	What is the general principle for electron filling within the modern atom?	