

Name _____ Period _____

College Prep Chemistry of the Earth System

Assignment 2C - Electrons and the Periodic Table

20 Points

Answer the following questions about electrons and the periodic table

Define Inner Electrons	Define Valence Electrons
Define Electron Orbital	How do electrons in into atomic orbitals?
Define Outer (<i>Valence</i>) Energy Level	Define Inner Energy Levels

Complete the following chart based on elements and their electron filling order (Period)

Element	Element Name	Group	# Val. e ⁻	# Inner Energy Levels	# Outer Energy Levels	# Total Energy Levels
Cs	Cesium	1 (IA)	1	6-1=5	1	6
Mg				Total - Outer		
V						
Pd						
Ag	Silver	11 (IB)	1, 2, 3	5-1=4	1	5
In						
Si						
N						
S						
Br						
Ar						