

Name _____ Period _____

College Prep Chemistry of the Earth System

Assignment 5A – Atomic Structure and Isotope Review

20 Point

Complete the following Chart based on the isotope Series No Work = No Credit

Atomic Isotopes and Atomic Mass

Isotope Notation	Atomic #	Mass #	Protons (p ⁺)	Electrons (e ⁻)	Neutrons (n ^o)	Atomic Mass (amu)
Lithium-7						
Vanadium-51						
92 40	Zr					
119 50	Sn					
Calcium-40						
Calcium-41						
Iodine-126						
Iodine-127						
58 27	Co					
59 27	Co					
30 15	P					
31 15	Co					

Average Atomic Mass

Element	Scandium Sc	Niobium Nb	Cadmium Cd	Selenium Se	Xenon Xe	Radium Ra
Average Atomic Mass (amu)						