Sar	H 151 ample Quiz #2a Name: Lab Sec			
1.	Match the term on the left with	the correct phrase o	on the right (7 points)	
	A. Isotope	_ <u>F</u> _	Smallest subatomic particle; negative charge	
	B. Atomic Number	<u>A</u>	Same atomic number, different mass number	
	C. Neutron	_ <u>E</u> _	Positive subatomic particle	
	D. Mass Number	<u>G</u>	Same mass number, different atomic number	
	E. Proton	<u>C</u>	Largest subatomic particle	
	F. Electron	<u>B</u>	Number of protons	
	G. Isobar	<u>D</u>	Number of protons and neutrons	
3.	This is zinc-64, or $30^{64}$ Zn <sup>2+</sup>		his isotope in the form ${}^A_ZX$ . (5 points)  e (T) or false (F). (1 point each, 8 points total)	
	A 1 (1 1 1 (1 2 2 2 1 1 (1 1 1 1 1 1 1 1			
An elemental symbol contains a capital letter followed by a small letter  The properties of elements are always different from the properties of the compounds they formed				<u>F</u>
				<u>T</u>
	Two objects, both having a		<u>F</u>	
	Two atoms of silicon each with a different number of electrons will always have the same mass number <u>F</u> _			
	The mass number for each	nt will be different	T	

<u>T</u>

<u>\_F</u>\_

<u>\_F</u>\_

Protons and electrons act like a type of "glue" that holds the atom together

An isotope of neptunium with 93 neutrons is written as neptunium-93

Democritus determined that most of the atom was empty