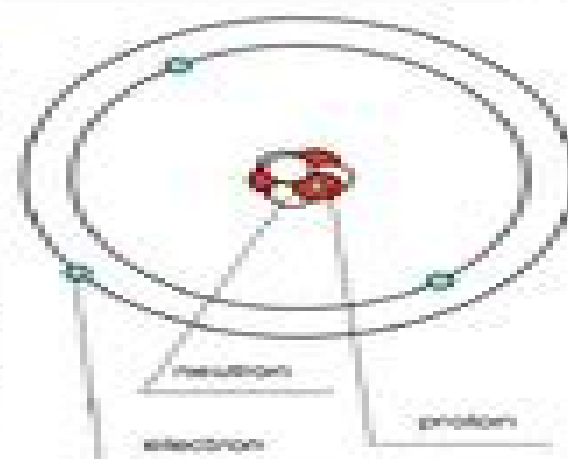


“Answer Key”

1. PROTONS are found in the center of the atom in a region called the NUCLEUS . (slide 7)
2. It is the number of protons that determine what ELEMENT an atom will be. (slide 8)
3. The number of protons is called the ATOMIC NUMBER . (like an ID Number) (slide 9)
4. The atomic number is a whole number found with the SYMBOL of the element. (slide 10)
5. Protons have a mass of 1 amu and are one of the heavier pieces of an atom. (slide 11)
6. Protons have a +1 charge. (slide 12)
7. NEUTRONS are the other type of particle found in the center of the atom (nucleus). (slide 13)
8. Neutrons have ZERO charge and have a mass of 1 amu . (slide 14-15)
9. ELECTRONS are the smallest of the subatomic particles, found outside the nucleus. (slide 16)
10. Electrons have virtually no significant MASS . (slide 16)
11. Electrons have a -1 charge. (slide 17)
12. Electrons can MOVE between atoms or be SHARED between atoms. (slide 18)
13. If an atom is NEUTRAL , it will have the same number of electrons as protons. (slide 20)
14. Electrons are involved in all CHEMICAL REACTIONS . (slide 21)

PARTICLE	MASS	CHARGE	LOCATION	ROLE
PROTON	1	+1	Nucleus	Identity of Element
NEUTRON	1	0	Nucleus	Holds Nucleus Together
ELECTRON	0	-1	Outside Nucleus	Reactivity



Atomic Structure Guided Answers

David Baud



Atomic Structure Guided Answers:

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