

BIO 130 Worksheet 3: Atoms & Molecules

Name Trejon Hawkins Section: _____ Date: 09/02/2020

1. Using the Periodic Table of Elements, determine the number of protons, neutrons, and electrons in each of the following atoms. Please show your work. Draw a model of each of the atoms in the box showing the electrons in the proper energy levels. (30 pts)

A. Carbon 12 mass 6 protons
 6 atomic # 6 electrons
 6 neutron 6 neutrons

c)))

of electrons in orbit 1 = 2
of electrons in orbit 2 = 4

B. Hydrogen 1 mass 1 protons
 1 atomic # 1 electrons
 0 neutron 0 neutrons

H))

of electrons in orbit 1 = 1

C. Oxygen 16 mass 8 protons
 8 atomic # 8 electrons
 8 neutron 8 neutrons

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of electrons in orbit 1 = 2
of electrons in orbit 2 = 6

