Name _____ Score ___/25

Date _____

Atomic Structure

1. Using the following words, answer the questions below.

electrons, neutrons, nucleus, protons, shells

(a) The center of the atom is called the _____.

(b) _____ have a positive charge.

(c) _____ have a negative charge.

(d) _____ have no charge.

(e) _____ and _____ are contained within the nucleus of the atom.

(f) Electrons are contained in the _____ of an atom.

(g) The _____ and the _____ of the atom have the same mass.

2. A neutral atom has 54 protons and 70 neutrons.

(a) What is the atomic number? _____

(b) What is the mass number of the atom? _____

(c) How many electrons does the atom have? _____

(d) What is the name of the atom? _____

3. Assuming all the atoms have neutral charge, complete the following table using the information already provided.

	Protons	Electrons	Neutrons	Mass Number
Atom 1		30	20	
Atom 2			24	50
Atom 3	44			70
Atom 4		12		30
Atom 5	37		43	
Atom 6	19			30

Mometrix TEST PREPARATION

LIVEWORKSHEETS