

BASIC ATOMIC STRUCTURE WORKSHEET

Name: _____

Date: _____

1. The 3 particles of the atom are:

a. _____

b. _____

c. _____

2. The number of protons in one atom of an element determines the atom's _____, and the number of electrons determines the _____ of the element.

3. The _____ of an element is the average mass of an element's naturally occurring atom, or isotopes, taking into account the _____ of each isotope.

4. Give the symbol of and the number of protons in one atom of

Lithium _____

Bromine _____

Iron _____

Copper _____

Oxygen _____

Mercury _____

Krypton _____

Helium _____

5. The _____ of an element is the total number of protons and neutrons in the _____ of the atom.