

Name: _____
Date: _____

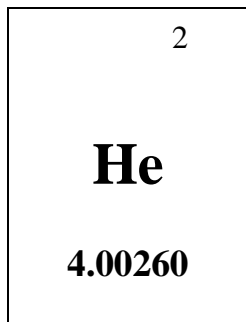
Periodic Table Homework 1

Each element on the periodic table has a box. In this box is information about the element.

The box gives us the **chemical (or atomic) symbol**- which is the abbreviation for the name of that element.

It also gives the **atomic number**, or the number of protons in one atom of that element, and the **atomic mass**-this number *rounded* gives us the total number of particles that are in the nucleus of one atom of this element.

Look at the box below and identify the parts of the box and what contributes to each.



Now, I would like you to go to the following website:

<http://education.jlab.org/elementmath/index.html>

At the very least, I would like you to do 10 questions, so check the 10 questions box. Make sure all of the “protons, neutrons, electrons, and nucleons” boxes are checked. Make sure the “should an element’s atomic weight be rounded for you box is checked NO.”

****nucleon refers to any particle in the nucleus**

Then click start- **if you need help, use the highlighted link in the 2nd paragraph of the webpage intro.**

Put your work and answers on the next two pages.
Draw the boxes and write out the given information.

1.

2.

3.

4.

5.

6.

7.

8.

9.

10.

For extra credit:

Find the chemical symbol and origin of the abbreviation for the elements:

Tin

Lead

Copper

Mercury

Antimony