

## Periodic Table Web Quest

<http://periodic.lanl.gov/default.htm>

### Part 1

Read through the text and graphics and answer the following questions.

Click on "How to Use the Periodic Table"

1. What is the atomic number?
2. What is the atomic symbol?
3. What is the atomic weight?

Click the "Back" button: Scroll down to "Families and Elements"

4. What are the 8 families of elements?

Click the "Back" button: Scroll down to "Naming New Elements"; read and answer the following questions:

5. What international body of chemists has decided the names of 6 new elements?
6. What element was named by Lawrence Berkeley Laboratory?
7. What two elements did Seaborg's group produce and what are their symbols?
8. What are the elements and their symbols which were named by this group?

### **CHECK YOUR UNDERSTANDING 1**