Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Grade \_\_\_\_

**Analyzing the Periodic Table**

Follow the instructions below to label the major groups and divisions of the periodic table.

1. The vertical columns on the periodic table are called \_\_\_\_\_\_\_\_\_\_\_\_.
2. The horizontal rows on the periodic table are called \_\_\_\_\_\_\_\_\_\_\_\_\_.
3. Most of the elements in the periodic table are classified as \_\_\_\_\_\_\_\_\_\_\_\_\_.
4. The elements that touch the zigzag line are classified as \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
5. The elements in the far upper right corner are classified as\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
6. Elements in the first group have one outer shell electron and are extremely reactive. They are called \_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_.
7. Elements in the second group have 2 outer shell electrons and are also very reactive. They are called \_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
8. Elements in groups 3 through 12 have many useful properties and are called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
9. Elements in group 17 are known as “salt formers”. They are called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
10. Elements in group 18 are very unreactive. They are said to be “inert”. We call these the \_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_.
11. The elements at the bottom of the table were pulled out to keep the table from becoming too long. The first period at the bottom called the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
12. The second period at the bottom of the table is called the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.