**Periodic Table Practice**

1. Who is given credit for creating the periodic table?
2. What was special about his periodic table?
3. List the elements that are in the following groups:
   1. Alkali metals
   2. Halogens
   3. Noble gases
   4. Alkali earth metals
4. Give the name and symbol for the elements at each of the following locations on the periodic table:
   1. Group 1A, period 4 e. 2 valence electrons, 3 energy levels
   2. Group 3A or 13, period 3 f. Period 4, 7 valence electrons
   3. Group 6A or 16, period 3 g. 6 energy levels, 4 valence electrons
   4. Group 2A, period 6 h. 1 valence electron, 4 energy levels
5. What general term is applied to the elements:
   1. In groups 3-12 e. To the right of the zig-zag line
   2. In the ‘f’ block f. Groups 1-8A
   3. In group 8A or 18 g. In the ‘d’ block
   4. Along the zig-zag line h. In group 2A
6. Describe metals in detail.
7. Describe nonmetals in detail.
8. Describe metalloids in detail.