***Organization of the Periodic Table***

**1.** The periodic table organizes all known elements in order by atomic number.

**2.** Rows of elements (across) are called **periods**.

**3.** Columns of elements (down) are called **chemical families** or **groups**.

• All elements in a family have similar properties and bond with other elements in similar ways.

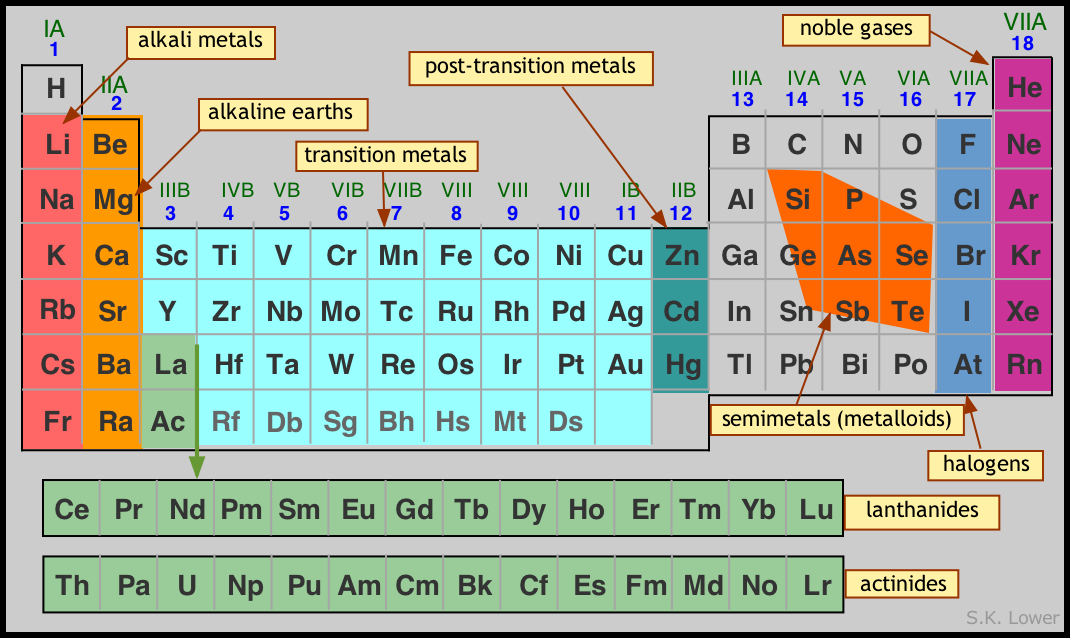
Group 1 = alkali metals

Group 2 = alkaline earth metals

Group 17 = halogens

Group 18 = noble gases

**4.** Metals are on the left side of the table, non-metals are on the right side, and the metalloids form a “staircase” toward the right side.



**Quick Check # 2**

**1. What is the difference between a chemical family and a period in the periodic table?**

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**2. List the name and group number of four families of elements.**

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