

# **Periodic Patterns:**

## **Periodic Pattern #1:**

**Atomic number increases Left to Right.**

**(or Top to Bottom)**

## **Periodic Pattern #2:**

**Atomic Mass number increases Left to Right.**

**(or Top to Bottom)**

## **Periodic Pattern #3:**

**Metals on the Left.**

**Nonmetals on the Right.**

**Metalloids touch the Staircase.**

## **Periodic Pattern #4:**

**Atomic radius increases Top to Bottom.**

## **Periodic Pattern #5:**

**Atomic radius decreases Left to Right.**

## **Periodic Pattern #6:**

**Metallic properties decrease Left to Right.**

## **Periodic Pattern #7:**

**Groups of elements have similar properties.**

## **Periodic Pattern #8:**

**Group number indicates number of  
electrons in outer shell.**

## **Periodic Pattern #9:**

**Period number indicates number of  
electron (energy) shells.**