

The Modern Periodic Table**The Periodic Table**

- Elements are arranged in the periodic table according to their _____ number.
- The table is generally arranged with metals towards the _____ side of the table.
- Examples of metals are _____, _____, and _____.
- Nonmetals are generally found on the _____ side of the table.
- Examples of non-metals are _____, _____, and _____.
- One exception is _____ which is the _____ element.
 - It behaves mostly as a _____.

Complete the following table comparing metals and nonmetals.

<i>Property</i>	<i>Metals</i>	<i>Nonmetals</i>
Lustre		
Malleability		
Conductivity		
Reactivity with acid		
State at room temperature		
Tendency to gain or lose electrons		
Charges of ions formed		

Learning Checkpoint Pg. 190 #1-3

Periods and Chemical Families (Groups)

Groups of elements in the same vertical _____ of the periodic table are called _____.

They tend to have similar _____ and _____ properties.

The _____ in the periodic table are known as _____.

<i>Family</i>	<i>Location</i>	<i>Examples</i>	<i>Similarities</i>
Alkali Metals			
Alkaline Earth Metals			
Noble Gases			
Halogens			

Periodic Table of the Elements

1																		18		
	2														13	14	15	16	17	
			3	4	5	6	7	8	9	10	11	12								
55	56	57	72																	
87	88	89	104																	

1. Colour the following groups of elements:

Alkali metals

Alkaline earth metals

Halogens

Noble gases

2. Add the chemical symbols for each element in the above families