

# Topic 1: Elements, Atoms & The Periodic Table: Video #1



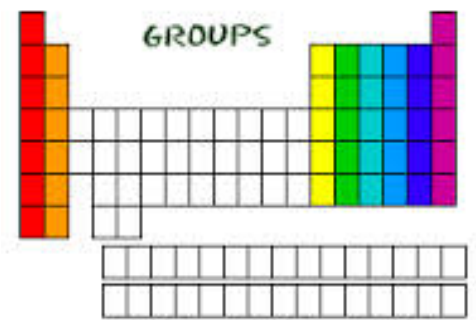
**Periodic Table:**

A **property** is like:

A **change** is like:

**Characteristic Physical Properties:**

**Groups:**



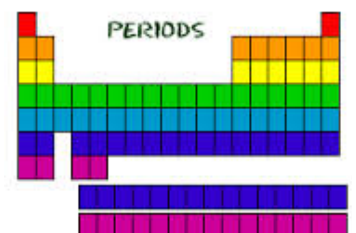
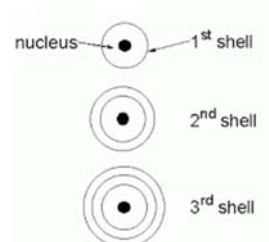
Group 1- \_\_\_\_\_

Group 2- \_\_\_\_\_

Group 7- \_\_\_\_\_

Group 8- \_\_\_\_\_

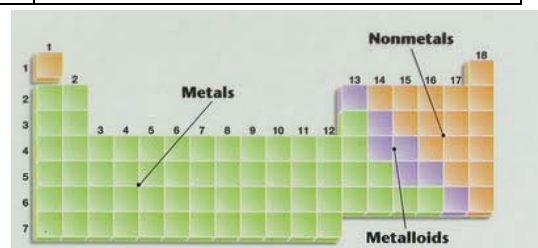
**Periods:**



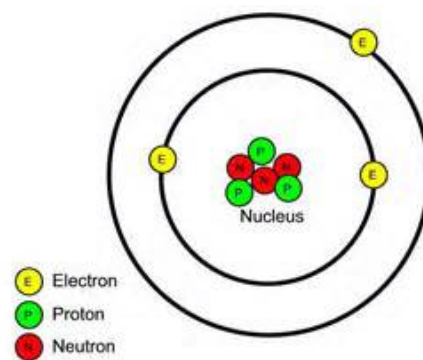
## Some Divisions

Metals	Non-Metals	Metalloids

Atom:

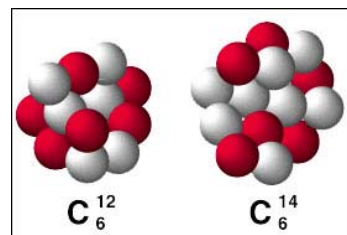


How to calculate the number of subatomic particles in an atom:

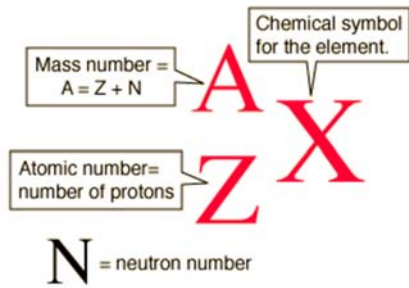


Atomic Mass:

Isotope:



## Standard Atomic Notation:

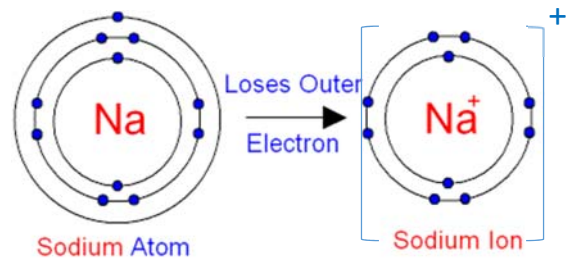


Notation for the different isotopes of the chemical element carbon.

## Atom vs. Ion

Atom –

Ion –



Cation:

Anion:

Naming:

