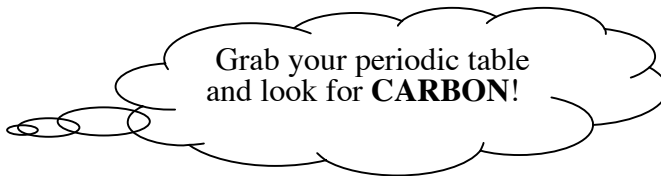
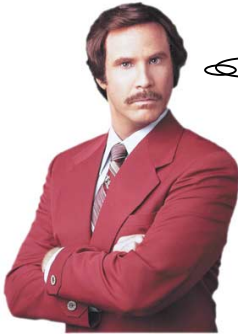


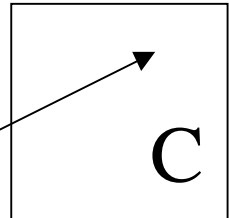
Atom = _____ of an element that has the same properties of that element

Atoms:

- are tiny, non-living particles.
 - contain _____, _____, and _____.
- (symbolized:)

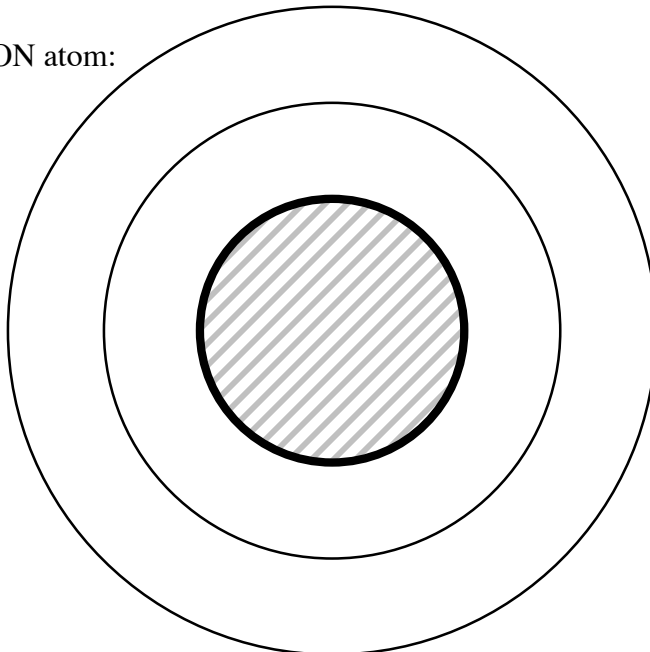


This is the _____
(# of _____)



Now let's get our draw on!

Bohr model of a CARBON atom:





Euglena gracilis 400x

Living things (organisms) contain molecules made mostly of:

There are a few important “accessory elements” as well:

Notice that the elements of CHONPS are located near each other on the periodic table.

This means they have similar properties and _____.

Bonding is a way for electrons to achieve _____.

A _____ is achieved when the highest occupied energy level of an atom is filled with e⁻, often by bonding with other atoms.

Many of the molecules that make up organisms consist of similar elements (CHONPS) bonded together _____.

Covalent bond = bond in which 2 atoms _____.

Let’s look at examples of two covalent molecules:

