Directions:

Place the definition next to the correct vocabulary word. Glue the definition into the correct box.

Name: _____

Atoms

Element

Nucleus

Proton

Neutron

Electron

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Strong Force

Atomic Number

Atomic Mass

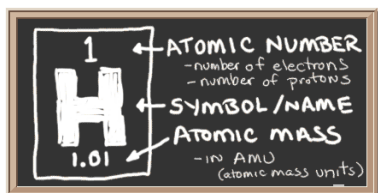**Shells**
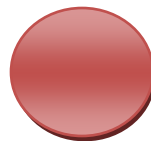
Valence Electron

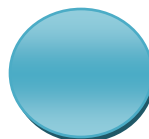Particles that do not have a charge and are neutral
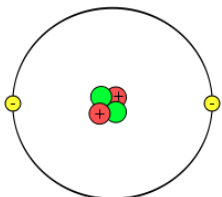
The electrons in the outer most shell, determines bonding

He with 2 valence electrons

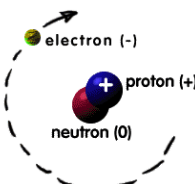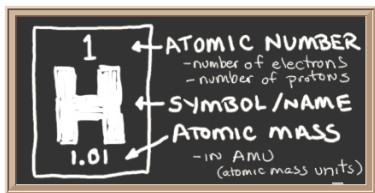Particles that have a negative (-) charge

The mass of an atom

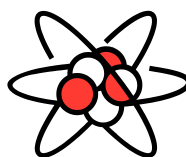Particles that have a positive (+) charge

This holds the nucleus together, keeping the protons and neutrons together

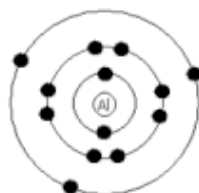The building blocks of matter. Made up of protons, electrons, and neutrons

The number of protons and electrons found in an element

The center of an atom, it contains the protons and neutrons

A pure substance – all the atoms have the same atomic number, or number of protons

Energy levels where the electrons are found