

Atomic Theory

Picture Vocabulary

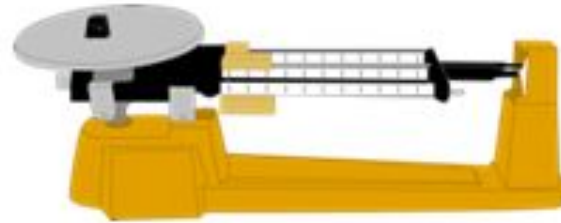
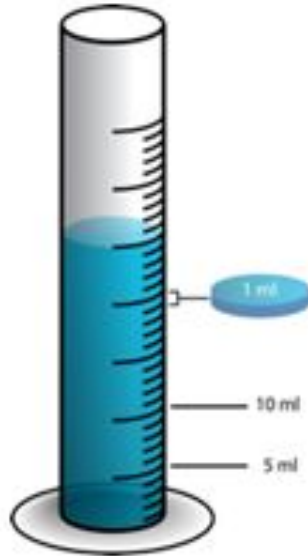
5.P 8.4 Atomic Theory

Scientific Theory



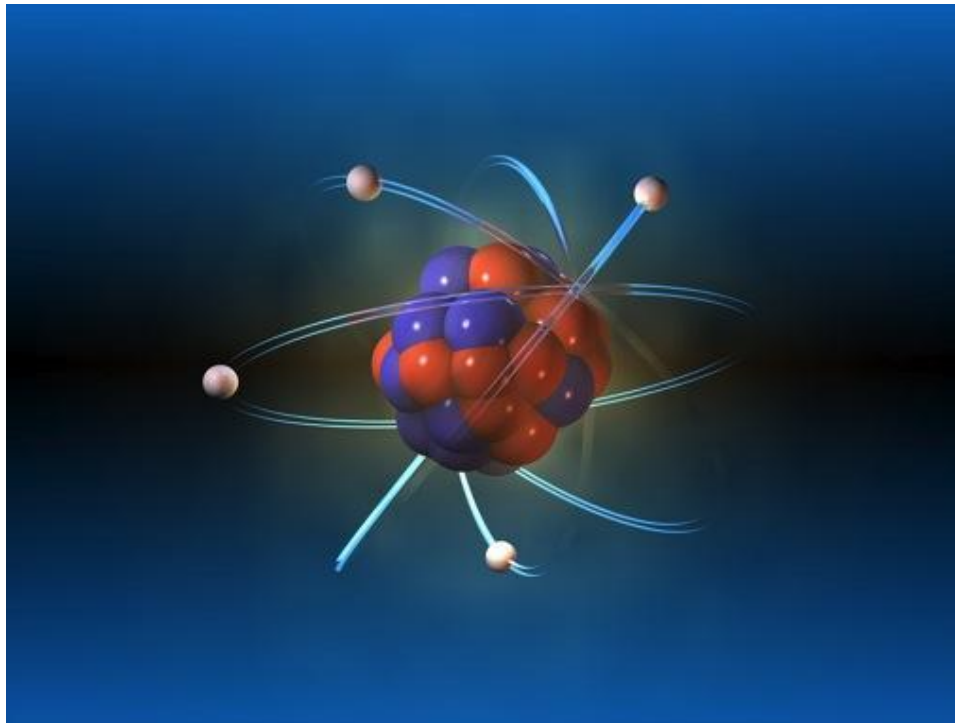
A study performed by using only calculations to explain how matter is built

Matter



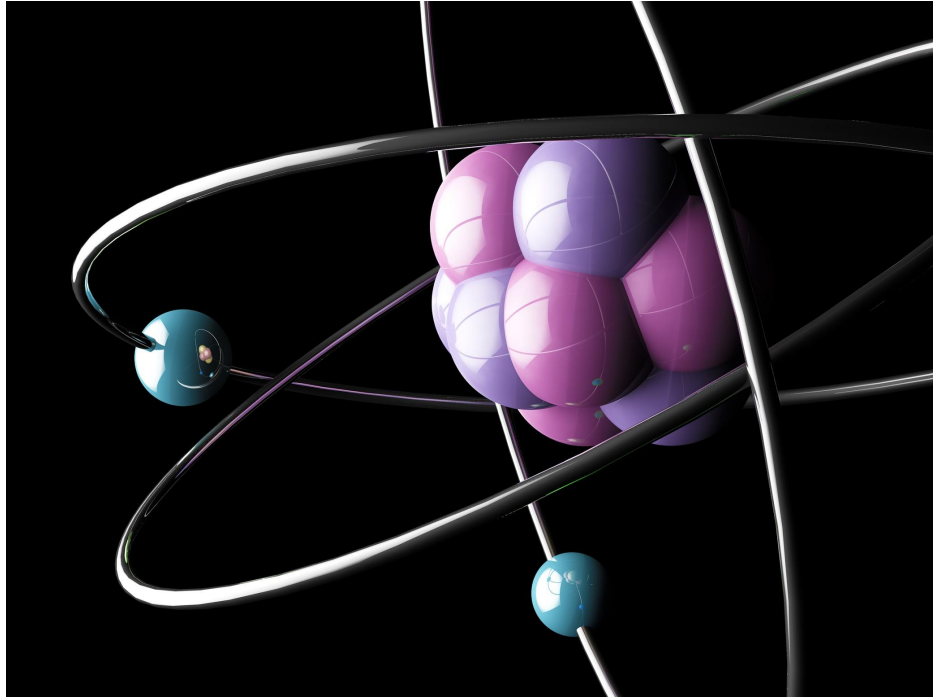
Anything that has mass and takes
up space

Atom



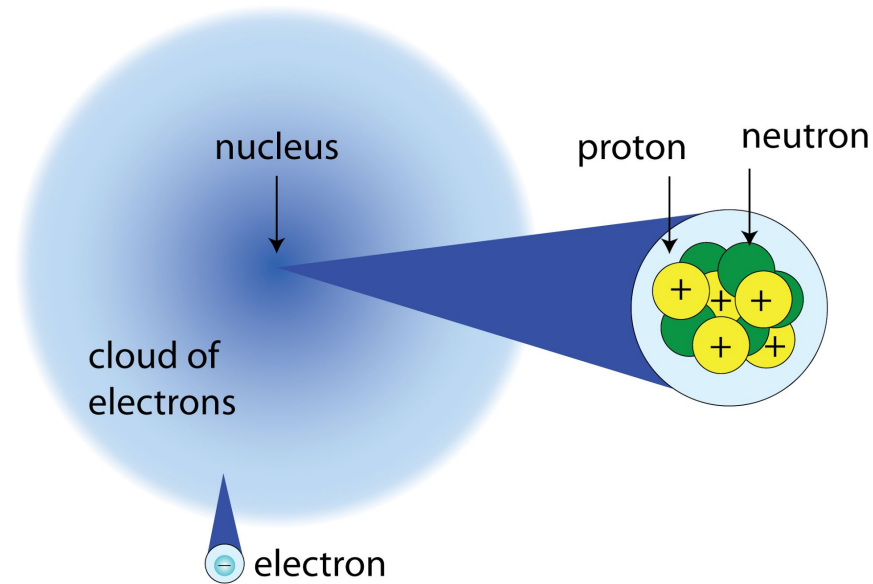
An atom is the smallest unit of matter that defines a chemical element and contains a nucleus and an electron cloud around it.

Nucleus



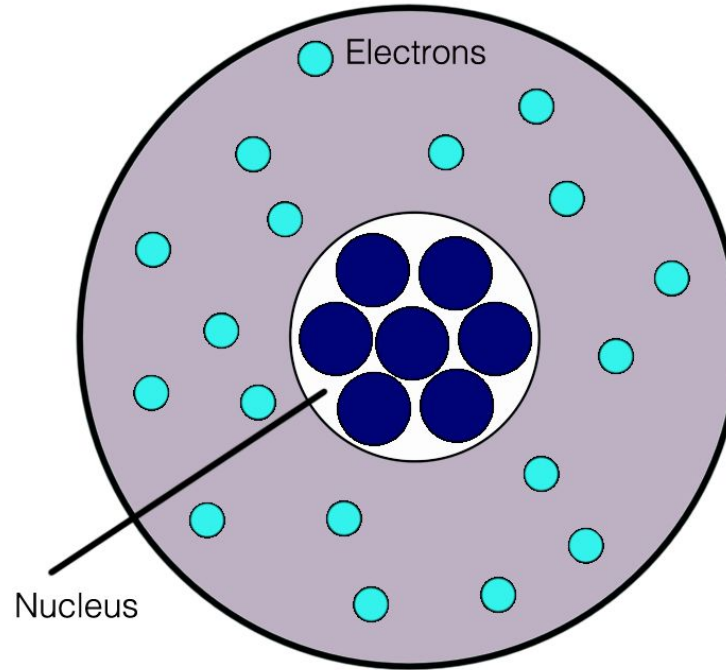
The tiny, very dense, positively charged region in the center of an atom; made up of protons and neutrons

Proton



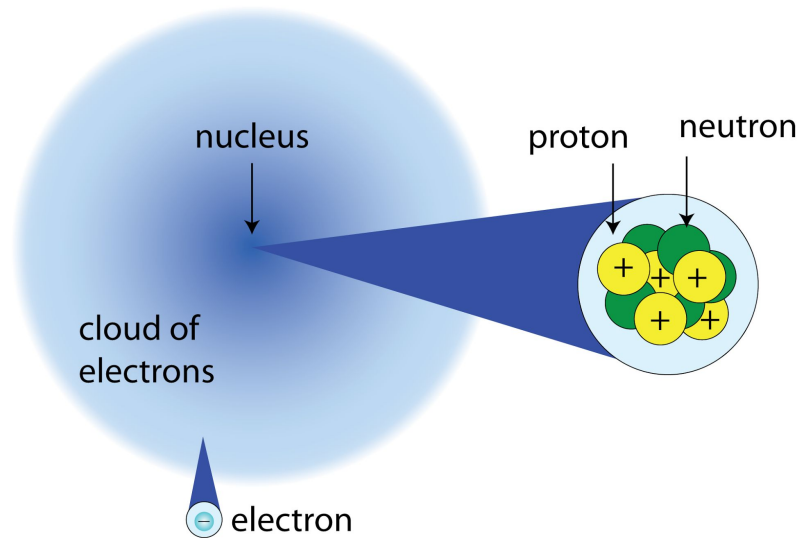
A positively charged subatomic particle of the nucleus of an atom that contributes to the mass of the atom

Electron



A negatively charged subatomic particle that orbits the atomic nucleus

Neutron



A subatomic particle of the nucleus of an atom that is without charge that contributes to the mass of an atom

Magnification



The process of enlarging the size of something, such as an optical image