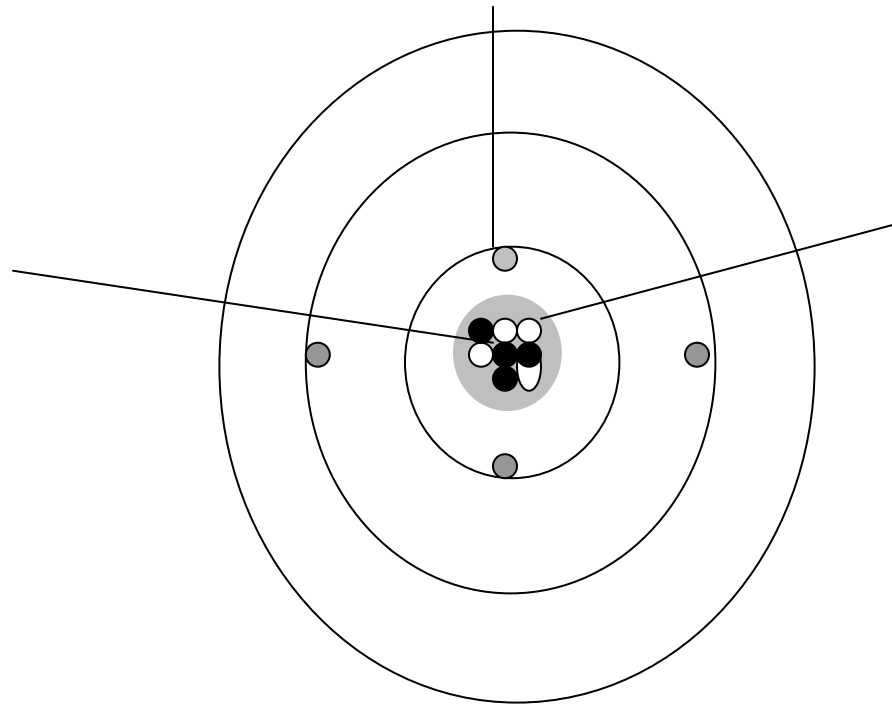


Identify the three particles in an atom and tell where they are in relation to the nucleus.



Identify the three particles in an atom and tell where they are in relation to the nucleus.

ELECTRON

Circles around the Nucleus

The same number as the number of protons

PROTON

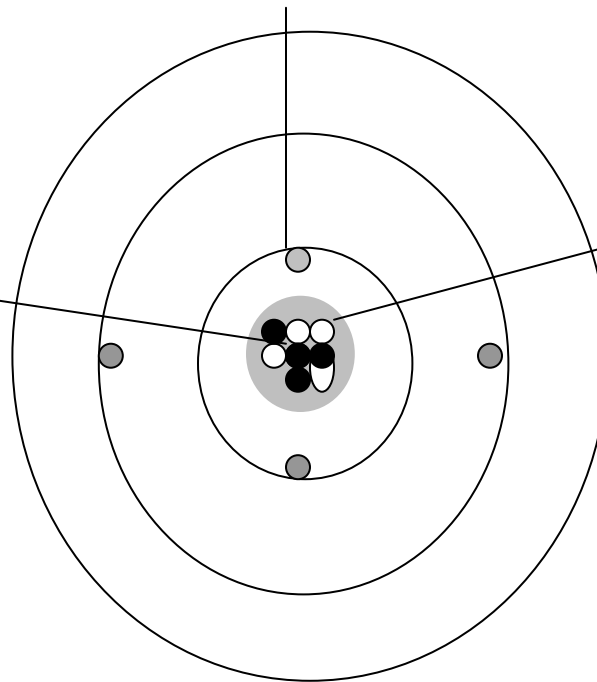
In The Nucleus

The same number as the number of electrons

NEUTRON

In The Nucleus

The number of these differs



In the next four MatchCards, construct two dimensional models of atoms using paper plates and small circles cut from three different colors of paper (protons, neutrons, electrons.) Draw a dark circle in the center to represent the nucleus. Three other circles can be drawn to represent electron levels. Three different types of coins can also be used instead of the color paper circles. Put the neutrons and protons in the nucleus in the center, and the electrons circulating outside in the electron levels..

Chemistry 1 Information Pieces

NEUTRON C-1
PROTON C-1
ELECTRON C-1
In the nucleus C-1
In the nucleus C-1
Circles around the nucleus C-1
The number of these differs C-1
The same number as the number of electrons C-1
The same number as the number of proton C-1

To Make Your MatchCard more durable:

- 1. Put the student MatchCard and instructor MatchCard back to back in a clear plastic page protector.*
- 2. Laminate the information pieces. Or you can make them sturdier by covering the paper with transparent tape prior to cutting the pieces out.*
- 3. For more ideas on how to use the MatchCards, and for keeping a notebook for review, see the Instructor's Guide.*