

Discovering Parts of an Atom

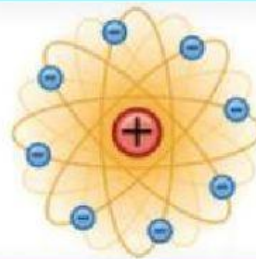
Solid sphere model
(Dalton, 1803)

Plum pudding model
(Thomson, 1897)

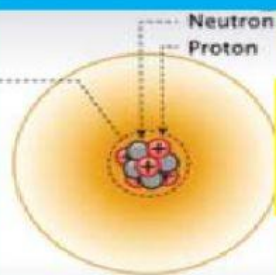
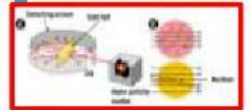
Nuclear model
(Rutherford, 1911)

Planetary model
(Bohr 1913)

Quantum model
(Schrödinger, 1926)



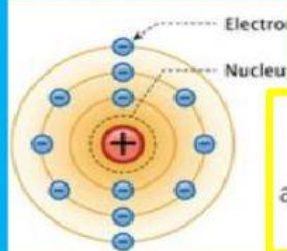
discovered the nucleus and that it had a positive charge.



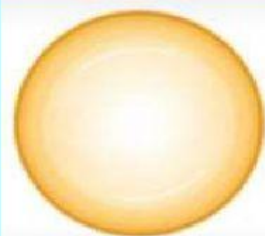
Electrons form an electron cloud



discovered the electron



discovered that electrons move around the nucleus in specific orbits.



said that atoms are tiny solid spheres. Atoms of different elements are of different sizes.