


The timeline of the atomic structure

Democritus



In 400 B.C.E. He proposed that matter could not be broken up into smaller atoms. He claimed that "atoms," which were small, hard particles, were the building blocks of matter.

J.J. Thomson



In 1897, he proved that atoms smaller than atoms. His atomic model was known as the "raisin bun model."

Niel Bohr



In 1913, he improved on Rutherford's model. He proposed that electrons travel around the nucleus in specific layers or shells.

James Chadwick





In 1932, he discovered neutrons. He discovered particles that are neutral, working with Rutherford. Neutrons were the particles given to these atoms.

John Dalton





In 1808, he created the first atomic theory. Dalton viewed atoms as tiny, solid balls.

Ernest Rutherford



In 1911, he discovered the nucleus and protons. He discovered that atoms are mostly empty spaces with $+$ particles in the center.

Erwin Schrodinger



In 1926, he stated that electrons travel around the nucleus in waves rather than in set paths like.

Mobley Time



1926, electrons move in a cloud around the nucleus.

The timeline of the atomic structure

Democritus

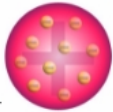


In 400 B.C.E.
He suggested that matter could not be forever broken up into smaller pieces.
He claimed that "atoms," which were small, hard particles, were the building blocks of matter.

J.J Thomson



In 1897
He discovered that even smaller particles existed within the atom.
His atomic model was known as the "raisin bun model."



John Dalton



In 1808.
He created the very first atomic theory.
Dalton viewed atoms as tiny, solid balls.



Ernest Rutherford



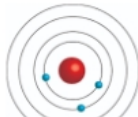
In 1911.
He discovered the nucleus and protons.
He demonstrated that atoms are mostly empty spaces with (+) particles in the center.



Niel Bohr



In 1913.
He improved on Rutherford's model.
He proposed that electrons move around the nucleus in specific layers or shells.



Erwin Schrodinger



In 1926.
He stated that electrons travel around the nucleus in waves rather than in straight lines.



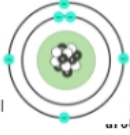
James Chadwick



In 1932.
He discovered neutrons.
He discovered particles that had not changed, working with Rutherford. Neutrons were the names given to these atoms.



Modern Time



In the modern model, electrons move in a cloud around the nucleus.

