

Atoms and atomic models

ST

PAGES 6–15

Complete this Concept Review so you can keep a record of what you have learned.

Definitions

- An atom is _____

- The electron is _____

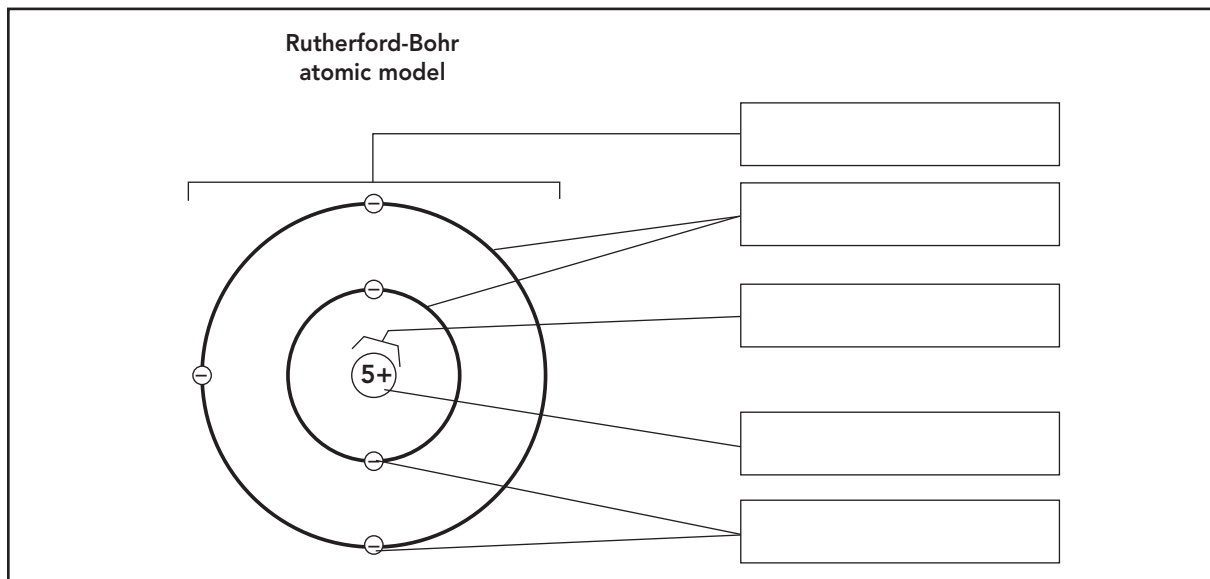
- The proton is _____

- The Rutherford-Bohr atomic model is _____

Rutherford's observations and consequent conclusions

Observation	Conclusion
_____	_____
_____	_____
_____	_____
_____	_____

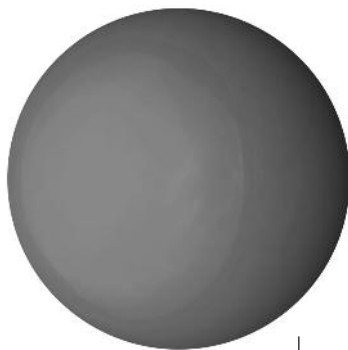
Parts of the atom



Evolution of the atomic model

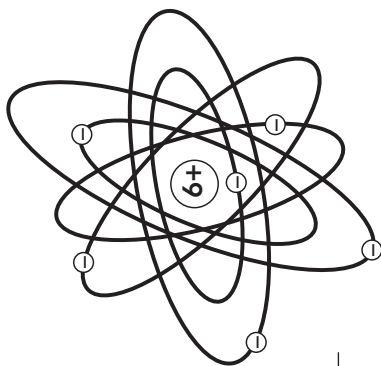
(1808) Dalton's atomic model

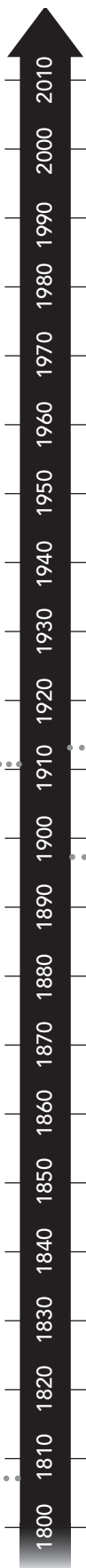
According to Dalton,
the atom is



(1911) Rutherford's atomic model

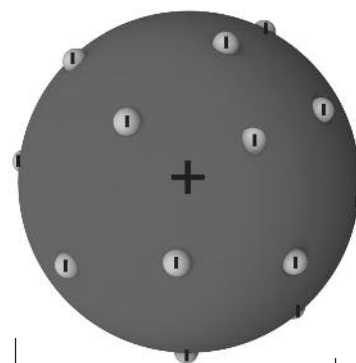
Rutherford modified Thomson's
atomic model by





(1897) Thomson's atomic model

Thomson modified Dalton's
atomic model by



(1913) Rutherford-Bohr atomic model

Bohr modified Rutherford's
atomic model by

