

Q1 mention any three properties of electrons?

Ans) property 1: Electrons are negatively charged particles.

property 2: The mass of the electron is $\frac{1}{2000}$ times lesser than the mass of proton and neutron.

property 3: An electron has an electric charge of 1.602×10^{-19} coulombs.

Q2 Explain how was protons discovered?

Ans) In 1909, Rutherford discovered proton in his famous gold foil experiment. He bombarded alpha particles on an ultrathin gold foil.

Q3 who discovered neutron?

Ans) Chadwick discovered neutron.

Q4 what are canal rays?

Ans) canal rays are positively charged radiations which led to the discovery of positively charged sub-atomic particles called protons.