

Study Guide Atomic Structure and Periodic Table

Circle the possible best answer for each question: (1pt each)

Neutrons are subatomic particles that are located

- a. In the nucleus and have a positive charge
- b. In the nucleus and have a negative charge
- c. In the nucleus and have no charge
- d. Around the nucleus and have a positive charge

The atomic number of an element is equal to the number of

- a. Electrons
- b. Neutrons
- c. Protons
- d. Protons plus electrons

Which of the pair below is equal to each other in an atom

- a. Protons and electrons
- b. Neutrons and protons
- c. Neutrons and electrons
- d. Mass number and electrons

In the late 1800s, experiments using cathode ray tubes led to the discovery of the

- a. Positron
- b. Neutron
- c. Proton
- d. Electron

Which two particles each have a mass approximately equal to one atomic mass unit?

- a. Electrons and positron
- b. Proton and electron
- c. Electron and neutron
- d. Proton and neutron

To which group of the periodic tables do lithium and potassium belong?

- a) Alkali metals
- b) Alkaline earth metals
- c) transition metals
- d) halogens

To which group of the periodic tables do Fluorine and Chlorine belong?

- a) Alkali metals
- b) Alkaline Earth metals
- c) Transition metals
- d) halogens

Atomic Structure And Periodic Relationships Study Guide

M Lipman



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