

Atoms Study Guide Questions and Answers

1. What is an atom?
 - ▶ An atom is the **basic building block of matter**.
2. What is the size of an atom?
 - ▶ Atoms are **EXTREMELY small**. One atom is only one **ten-billionth** of a meter wide!
3. What three subatomic particles make up an atom?
 - ▶ There are three subatomic particles:
 - ▶ Proton (p^+)
 - ▶ Neutron (n^0)
 - ▶ Electron (e^-)

4. Where are protons, electrons, and neutrons located in an atom?
 - ▶ **Subatomic** particles are the particles found **within an atom**.
5. What is the mass of protons, electrons, and neutrons?
 - ▶ A **PROTON AND NEUTRON** has a mass of **1 atomic mass unit (amu)**.
 - ▶ an **ELECTON** is SO small, it is insignificant.
6. Where is most of the mass found in an atom?
 - ▶ in the **nucleus** of an atom

Atoms Study Guide Answers

David R. Klein, Laurie S. Starkey



Atoms Study Guide Answers:

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