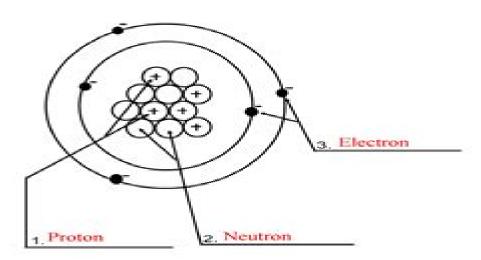
Atomic Structure Worksheet

Label the parts of an atom on the diagram below.



- What type of charge does a proton have? Positive (+1)
- What type of charge does a neutron have? Neutral (0)
- What type of charge does an electron have? Negative (-1)
- Which two subatomic particles are located in the nucleus of an atom?
 Protons and neutrons
- 8. If an atom has 35 protons in the nucleus, how many electrons will it have orbiting the nucleus?
 35
- 9. What is the atomic number of the atom in the diagram above?
- What is the atomic mass/mass number of the atom in the diagram above?
 (11+11=22) *protons and neutrons added together) 22 is the atomic mass/mass number
- 11. How many protons are in the nucleus of an atom with an atomic number of 15?
 15 *number of protons is the same as the atomic number
- How many electrons are in the nucleus of an atom with an atomic number of 20?
- How many neutrons are in the nucleus of an atom with an atomic number of 25? (use Periodic Table for mass)
 Neutrons, atomic mass: 54.938 ~ 55 atomic number: 25....55-25=30
- 14. What is the mass number of an atom with 3 protons, 4 neutrons, and 3 electrons?
 Mass number= 6.94. (Li-Lithium has an atomic number of 3 which means it has 3 protons.
- How many neutrons are in the nucleus of an atom that has an atomic mass of 36 and an atomic number of 25?
 Neutrons= 11 (atomic mass: 36 - 25 :atomic number)

Analyzing Atomic Structure Worksheet Answers

Peipei Pang

Analyzing Atomic Structure Worksheet Answers:

The book delves into Analyzing Atomic Structure Worksheet Answers. Analyzing Atomic Structure Worksheet Answers is a vital topic that needs to be grasped by everyone, ranging from students and scholars to the general public. This book will furnish comprehensive and in-depth insights into Analyzing Atomic Structure Worksheet Answers, encompassing both the fundamentals and more intricate discussions.

- 1. This book is structured into several chapters, namely:
 - Chapter 1: Introduction to Analyzing Atomic Structure Worksheet Answers
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 - Chapter 4: Analyzing Atomic Structure Worksheet Answers in Specific Contexts
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- 6. In chapter 5, the author will draw a conclusion about Analyzing Atomic Structure Worksheet Answers. This chapter will summarize the key points that have been discussed throughout the book.

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 - This book is crafted in an easy-to-understand language and is complemented by engaging illustrations. This book is highly recommended for anyone seeking to gain a comprehensive understanding of Analyzing Atomic Structure Worksheet Answers.

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