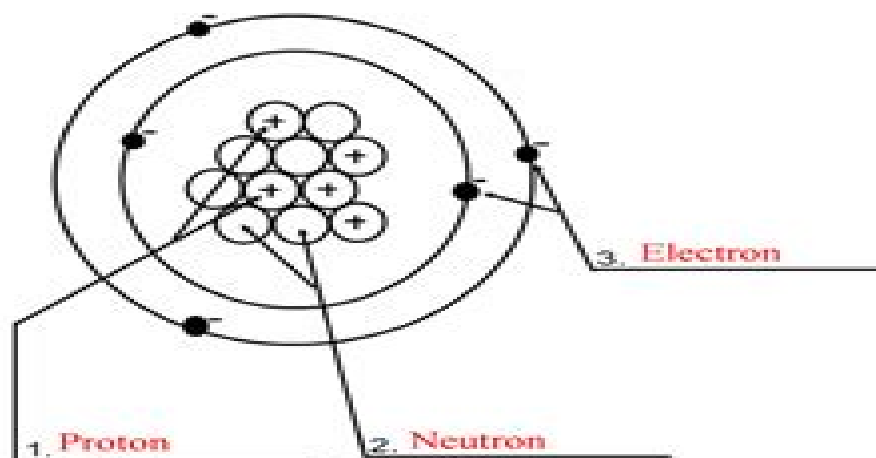


Atomic Structure Worksheet

Label the parts of an atom on the diagram below.



4. What type of charge does a proton have?

Positive (+1)

5. What type of charge does a neutron have?

Neutral (0)

6. What type of charge does an electron have?

Negative (-1)

7. 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?

5

10. 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

12. How many electrons are in the nucleus of an atom with an atomic number of 20?

20

13. How many neutrons are in the nucleus of an atom with an atomic number of 25?
(use Periodic Table for mass)

30 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.

15. 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)

Chapter Atomic Structure Worksheet Answers

Educart



Chapter Atomic Structure Worksheet Answers:

Chapter Resource 2 Chemistry of Life Biology Holt Rinehart & Winston, Holt, Rinehart and Winston Staff, 2004

Exercises for Principles of Imaging Science and Protection Michael A. Thompson, Steven B. Dowd, Janice D.

Hall, Marian P. Hattaway, 1994 A smart collection of additional review questions and practise problems to further reinforce basic concepts The laboratory manual section includes about 30 basic experiments which concentrate more on radiographic factors which affect the quality of the resulting radiograph Readers with a weaker math science background will appreciate the remediation sections and self tests conclude each section to gauge the reader's weaknesses

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Learning Elementary Chemistry for Class 8 (A.Y. 2023-24) Onward Dr. R. Goel, 2023-05-20 The series Learning Elementary Chemistry for Classes 6 to 8 has been revised strictly according to the latest curriculum The content of this series has been developed to fulfill the requirement of all the six domains Concepts Processes Applications Attitudes Creativity and World view of Science to make teaching and learning of Chemistry interesting understandable and enjoyable for young minds This series builds a solid foundation for young learners to prepare them for higher classes The main strength of the series lies in the subject matter and the experience that a learner will get in solving difficult and complex problems of Chemistry Emphasis has been laid upon mastering the fundamental principles of Chemistry rather than specific procedures Unique features of this series are The content of the book is written in a very simple and easy to understand language All the Key concepts in the curriculum have been systematically covered and graded in the text Each theme has been divided into units followed by thought provoking and

engaging exercises to test the knowledge understanding and applications of the concepts learnt in that unit At the end of each theme a comprehensive theme assignment which is aligned with the guidelines provided in National Education Policy NEP 2020 is given Explanations illustrations diagrams experiments and solutions to numerical problems have been included to make the subject more interesting comprehensive and appealing Diagrams illustrations and text have been integrated to enhance comprehension Definitions and other important scientific information are highlighted Throughout the series investigations related to the text enable the learners to learn through experimentation Quick revision of each chapter has been given under the caption Highlights in Review Online Support It provides Video lectures Unit wise interactive exercises Chapterwise Worksheet Solution of textbook questions for Teachers only E Book for Teachers only I hope this series would meet the needs and requirements of the curriculum to achieve the learning outcomes as laid down in the curriculum Suggestions and constructive feedback for the further improvement of the book shall be gratefully acknowledged and incorporated in the future edition of the book Author Earth Science Samuel N. Namowitz, Nancy E. Spaulding, 1989

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Simplified ICSE Chemistry Viraf J. Dalal, *Science Interactions* ,1996 **Turbo Pascal Programming** Gary B. Shelly, Thomas J. Cashman, Steven G. Forsythe, 1987 This programming textbook emphasizes file processing early and features step by step explanations of sound programming design and structured programming in a problem orientated approach There is extensive coverage of single and multiple dimensional arrays arrays of records and sequential and binary array searching techniques Procedures recursion and sorting are comprehensively discussed and every Pascal statement required in each program example is explained and illustrated Numerous problems are included illustrating typical business

scientific and general interest applications End of chapter review questions coding exercises structured work through exercises and student programming assignments are also present This book should be of interest to degree and diploma students on introductory courses in Pascal programming **Building Block** Prentice-Hall Staff,1994 *Holt Science and Technology 2002* Holt Rinehart & Winston,Holt, Rinehart and Winston Staff,2002 *Te HS&T J* Holt Rinehart & Winston,Holt, Rinehart and Winston Staff,2004-02 **Science Interactions** Robert W. Avakian,1995-07-17 *Te HS&T a* Holt Rinehart & Winston,Holt, Rinehart and Winston Staff,2004-02 Te HS&T 2007 Shrt Crs M Holt Rinehart & Winston,2007

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In an electronic era where connections and knowledge reign supreme, the enchanting power of language has become much more apparent than ever. Its power to stir emotions, provoke thought, and instigate transformation is truly remarkable. This extraordinary book, aptly titled "**Chapter Atomic Structure Worksheet Answers**," compiled by a highly acclaimed author, immerses readers in a captivating exploration of the significance of language and its profound impact on our existence. Throughout this critique, we shall delve to the book's central themes, evaluate its unique writing style, and assess its overall influence on its readership.

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