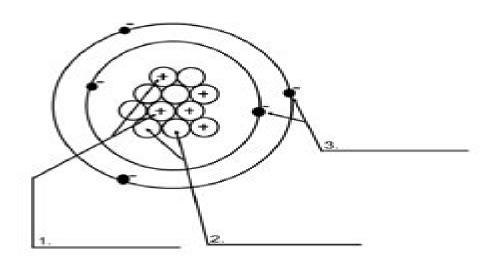
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### Atomic Structure Worksheet

Label the parts of an atom on the diagram below.



- 4. What type of charge does a proton have?
- 5. What type of charge does a neutron have?
- 6. What type of charge does an electron have?
- Which two subatomic particles are located in the nucleus of an atom?
- 8. If an atom has 35 protons in the nucleus, how many electrons will it have orbiting the nucleus?
- 9. What is the atomic number of the atom in the diagram above?
- 10. What is the atomic mass/mass number of the atom in the diagram above?
- 11. How many protons are in the nucleus of an atom with an atomic number of 15?
- 12. 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)
- 14. What is the mass number of an atom with 3 protons, 4 neutrons, and 3 electrons?
- 15. How many neutrons are in the nucleus of an atom that has an atomic mass of 36 and an atomic number of 25?

# **Atomic Structure Guided Practice Problem Answers**

**Laurence Barry Briskman** 

#### **Atomic Structure Guided Practice Problem Answers:**

Survival Guide to General Chemistry Patrick E. McMahon, Rosemary McMahon, Bohdan Khomtchouk, 2019-02-13 This work evolved over thirty combined years of teaching general chemistry to a variety of student demographics The focus is not to recap or review the theoretical concepts well described in the available texts Instead the topics and descriptions in this book make available specific detailed step by step methods and procedures for solving the major types of problems in general chemistry Explanations instructional process sequences solved examples and completely solved practice problems are greatly expanded containing significantly more detail than can usually be devoted to in a comprehensive text Many chapters also provide alternative viewpoints as an aid to understanding Key Features The authors have included every major topic in the first semester of general chemistry and most major topics from the second semester Each is written in a specific and detailed step by step process for problem solving whether mathematical or conceptual Each topic has greatly expanded examples and solved practice problems containing significantly more detail than found in comprehensive texts Includes a chapter designed to eliminate confusion concerning acid base reactions which often persists through working with acid base equilibrium Many chapters provide alternative viewpoints as an aid to understanding This book addresses a very real need for a large number of incoming freshman in STEM fields (Free Sample) GO TO Objective NEET Chemistry Guide with DPP & CPP Sheets 9th Edition Disha Experts, 2021-10-07 The thoroughly revised updated 9th Edition of Go To Objective NEET Chemistry is developed on the objective pattern following the chapter plan as per the NCERT books of class 11 and 12 The book has been rebranded as GO TO keeping the spirit with which this edition has been designed The complete book has contains 31 Chapters In the new structure the book is completely revamped with every chapter divided into 2 4 Topics Each Topic contains Study Notes along with a DPP Daily Practice Problem of 15 20 MCQs This is followed by a Revision Concept Map at the end of each chapter The theory is followed by a set of 2 Exercises for practice The first exercise is based on Concepts Application It also covers NCERT based questions This is followed by Exemplar past 8 year NEET 2013 2021 questions In the end of the chapter a CPP Chapter Practice Problem Sheet of 45 Quality MCQs is provided The solutions to all the questions have been provided immediately at the end of each chapter GO TO Objective NEET 2021 Chemistry Guide 8th Edition Class 11-12 Chemistry MCQ (Multiple Choice Questions) Arshad Igbal, 2019-05-17 The Class 11 12 Disha Experts, Chemistry Multiple Choice Questions MCQ Quiz with Answers PDF College Chemistry MCQ PDF Download Quiz Questions Chapter 1 6 Practice Tests with Answer Key 11th 12th Grade Chemistry Questions Bank MCQs Notes includes revision guide for problem solving with hundreds of solved MCQs Class 11 12 Chemistry MCQ with Answers PDF book covers basic concepts analytical and practical assessment tests Class 11 12 Chemistry MCQ PDF book helps to practice test questions from exam prep notes The Class 11 12 Chemistry MCQs with Answers PDF eBook includes revision guide with verbal quantitative and analytical past papers solved MCQs Class 11 12 Chemistry Multiple Choice Questions and Answers MCQs

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