

Central Science 12th Edition Exercises

Mike Nichols' engaging yet thorough guide has long been the standard in family therapy. The author describes and analyzes the field of family therapy, covering its history, schools, and developments. Numerous cases help readers apply theories to real situations and make the text even more engaging. Upon completing this book, readers will be able to:

- Describe clinical approaches
- Understand old and new developments in the field of family therapy
- Analyze successes and failures in research and the impact on current clinical practices
- Compare different schools of family therapy and explain the contemporary status of distinct schools of therapy

Note: MySearchLab does not come automatically packaged with this text. To purchase MySearchLab, please visit: www.mysearchlab.com or you can purchase a ValuePack of the text + MySearchLab (at no additional cost).

Intended for non-science majors

Physics Courses

Since defining this course 30 years ago, Paul Hewitt's best-selling text continues as the benchmark by which all others are judged. In *Conceptual Physics Twelfth Edition* Paul Hewitt makes physics interesting, understandable, and relevant for non-science majors. The Twelfth Edition will delight students with informative and fun Hewitt-Drew-It screencasts, updated content and applications. Hewitt's text is guided by the principle of "concepts before calculations" and is famous for engaging students with analogies and imagery from the real-world that build a strong conceptual understanding of physical principles ranging from classical mechanics to modern physics. This program presents a better teaching and learning experience—for you and your students. Prepare for lecture: NEW! 100 Hewitt-Drew-It screencasts, authored and narrated by Paul Hewitt, explain physics concepts through animation and narration. The exciting new Screencasts, accessed through QR codes in the textbook, will enable students to engage with the physics concepts more actively outside of class. Make physics delightful: Relevant and accessible narrative, analogies from real-world situations, and simple representations of the underlying mathematical relationships make physics more appealing to students. Build a strong conceptual understanding of physics: Students gain a solid understanding of physics through practice and problem solving in the book.

MATHEMATICAL APPLICATIONS FOR THE MANAGEMENT, LIFE, AND SOCIAL SCIENCES, 9th, International Edition

is intended for a two-semester applied calculus or combined finite mathematics and applied calculus course. The book's concept-based approach, multiple presentation methods, and interesting and relevant applications keep students who typically take the course—business, economics, life sciences, and social sciences majors—engaged in the material. This edition broadens the book's real-life context by adding a number of environmental science and economic applications. The use of modeling has been expanded, with modeling problems now clearly labeled in the

examples. Also included in the Ninth Edition is a brief review of algebra to prepare students with different backgrounds for the material in later chapters. Learn the most up-to-date information on materials used in the dental office and laboratory today. Emphasizing practical, clinical use, as well as the physical, chemical, and biological properties of materials, this leading reference helps you stay current in this very important area of dentistry. This new full-color edition also features an extensive collection of new clinical photographs to better illustrate the topics and concepts discussed in each chapter. Organization of chapters and content into four parts (General Classes and Properties of Dental Materials; Auxiliary Dental Materials; Direct Restorative Materials; and Indirect Restorative Materials) presents the material in a logical and effective way for better comprehension and readability. Balance between materials science and manipulation bridges the gap of knowledge between dentists and lab technicians. Major emphasis on biocompatibility serves as a useful guide for clinicians and educators on material safety. Distinguished contributor pool lends credibility and experience to each topic discussed. Critical thinking questions appearing in boxes throughout each chapter stimulate thinking and encourage classroom discussion of key concepts and principles. Key terms presented at the beginning of each chapter helps familiarize readers with key terms so you may better comprehend text material. NEW! Full color illustrations and line art throughout the book make text material more clear and vivid. NEW! Chapter on Emerging Technologies keeps you up to date on the latest materials in use. NEW! Larger trim size allows the text to have fewer pages and makes the content easier to read.

With a new editor at the helm, *Electrotherapy: Evidence-Based Practice* (formerly Clayton's *Electrotherapy*) is back in its 12th edition, continuing to uphold the standard of clinical research and evidence base for which it has become renowned. This popular textbook comprehensively covers the use of electrotherapy in clinical practice and includes the theory which underpins that practice. Over recent years the range of therapeutic agents involved and the scope for their use have greatly increased and the new edition includes and evaluates the latest evidence and most recent developments in this fast-growing field. Tim Watson brings years of clinical, research and teaching experience to the new edition, with a host of new contributors, all leaders in their specialty. Evidence, evidence, evidence! Contributions from field leaders New clinical reasoning model to inform decision making All chapters completely revised New layout, breaking up what is sometimes a difficult subject into manageable chunks Part of the *Physiotherapy Essentials* series - core textbooks for both students and lecturers Online image bank now available! Log on to <http://evolve.elsevier.com/Watson/electrotherapy> and type in your unique pincode for access to over 170 downloadable images

Prepared by John H. Nelson and Kenneth C. Kemp, both of the University of Nevada. This manual contains 43 finely tuned experiments chosen to introduce

students to basic lab techniques and to illustrate core chemical principles. You can also customize these labs through Catalyst, our custom database program. For more information, visit <http://www.pearsoncustom.com/custom-library/catalyst> In the Thirteenth Edition, all experiments were carefully edited for accuracy and safety. Pre-labs and questions were revised and several experiments were added or changed. Two of the new experiments have been added to Chapter 11.

METEOROLOGY TODAY has for many years been one of the most widely used and authoritative texts for the introductory meteorology course. This eighth edition sees improvements in flexibility for instructors and strengthened learning solutions for students. Author C. Donald Ahrens has been widely praised for his ability to explain relatively complicated ideas so that even under-prepared students can understand them. The text's clear and inviting narrative is supplemented by numerous pedagogical features that help augment students' understanding. Introductory stories found at the beginning of each chapter draw students naturally into the discussion. In-chapter reviews help students master concepts while they study, and four types of end-of-chapter exercises provide opportunities for everything from further review to in-class discussion questions. In addition to these in-text learning aids, the eighth edition sees a complete integration with MeteorologyNow?, the first assessment-driven and student-centered online learning solution created specifically for this course.

MeteorologyNow? uses a series of chapter-specific diagnostic tests to build a personalized learning plan for each student, allowing students to focus their study time on specific areas of weaknesses. Each personalized learning plan directs students to specific chapter sections and concept-driven multimedia tutorials designed to augment their understanding. The new edition is available in its original nineteen chapter "classic" version, or as a "core" version, which features only the most popular sixteen chapters. The "core" version sacrifices none of the detail that the course needs, but eliminates chapters that may not be directly covered in class. Looking for more flexibility? With the Thomson TextChoice custom solution program, instructors can select and reorganize chapters to perfectly match their syllabus, thereby creating the ideal text solution for the course.

&>NOTE: This edition features the exact same content as the traditional text in a convenient, three-hole-punched, loose-leaf version. Books a la Carte also offer a great value for your students-this format costs 35% less than a new textbook. Before you purchase, check with your instructor or review your course syllabus to ensure that you select the correct ISBN. Several versions of Pearson's MyLab & Mastering products exist for each title, including customized versions for individual schools, and registrations are not transferable. In addition, you may need a CourseID, provided by your instructor, to register for and use Pearson's MyLab & Mastering products. xxxxxxxxxxxxxxxxxxxxxx Unrivaled problems, notable scientific accuracy and currency, and remarkable clarity have made

Chemistry: The Central Science the leading general chemistry text for more than a decade. Trusted, innovative, and calibrated, the text increases conceptual understanding and student success in general chemistry by building on the expertise of the dynamic author team of leading researchers and award-winning professors. The new Thirteenth Edition builds on the Twelfth Edition's major revision, in which every word and piece of art was scrutinized by all the authors to increase its effectiveness. Placing a greater emphasis on research, this edition is more tightly integrated with MasteringChemistry, the leading online homework, tutorial, and assessment program-- resulting in an unparalleled teaching and learning package that personalizes learning and coaches students toward understanding and mastery of tough chemistry topics. This program presents a better teaching and learning experience--for you and your students. It provides:

Superior support beyond the classroom with MasteringChemistry: Students benefit from personalized, interactive learning through MasteringChemistry's self-paced tutorials that guide them through the text's most challenging topics; provide immediate, specific feedback; and keep students engaged and on track. Enhanced learning from a dynamic author team of leading researchers and award-winning professors: Each member of this well-respected author team brings their expertise in a wide range of areas to the pages of this popular text. All authors have been active researchers and have taught general chemistry for many years. Improved conceptual understanding through stepped up, relevant pedagogy: Students get numerous opportunities to test their knowledge through Give It Some Thought (GIST) exercises, Go Figure questions, and A Closer Look essays, now integrated with clicker questions and in MasteringChemistry. Invaluable aids that ensure problem-solving success: By using a consistent process, a unique Analyze/Plan/Solve/Check format, dual-column problem-solving approach in certain areas, a new practice exercise following each worked example, and the Strategies in Chemistry feature, students are placed on the right path from the very start to excel at problem solving and comprehension. Clarity through visualization from a variety of perspectives, including macroscopic, microscopic, and symbolic: Included are Visualizing Concepts exercises, with models, graphs, and other visual materials; sample exercises with molecular illustrations; and conceptual questions in the end-of-chapter questions. Features detailed step-by-step solutions to the more than 1100 black-numbered end-of-character problems in Chemistry : the central science.

MasteringGeography™ The Mastering platform is the most effective and widely used tutorial, homework and assessment system for the sciences, and is now available in geography. MasteringGeography helps instructors maximize class time with customizable, easy-to-assign, and automatically graded assessments that motivate students to learn outside of class and arrive prepared for lecture. These assessments can easily be customized and personalized for an instructor's individual teaching style. The powerful gradebook provides unique insight into student and class performance even before the first test. As a result,

instructors can spend class time where students need it most. The Mastering system empowers students to take charge of their learning through activities aimed at different learning styles, and engages them in learning science through practice and step-by-step guidance. MasteringGeography offers: Assignable activities that include Geoscience Animation activities, Encounter Physical Geography Google Earth™ Explorations, Geography Video activities, MapMaster™ interactive map activities, Map Projection activities, coaching activities on the toughest topics in physical geography, end-of-chapter questions and exercises, reading questions, and Test Bank questions. Student study resources in the Study Area include Geoscience Animations, web links, videos, glossary flashcards, "In the News" RSS feeds, MapMaster™ interactive maps, chapter quizzes, an optional Pearson eText, including iPad and Android versions, and more.

Marketing Research provides comprehensive information on both the quantitative methods used in marketing research and the many considerations a manager faces when interpreting and using market research findings. Marketing research hot topics are featured, including competitive intelligence, published secondary data and the Internet, and marketing research suppliers and users. Each chapter helps you explore ethical dilemmas related to the topics discussed, the uses and needs for marketing research across business functions, and how to use the Internet to gather marketing research data in an efficient, cost-effective manner. By focusing on the managerial aspects of marketing research, this book provides you with both the tools to conduct marketing research, as well as those to interpret the results and use them effectively as a manager.

Full solutions to all of the red-numbered exercises in the text are provided. For the adapted edition, spelling follows Australian medical terminology conventions and Australian pronunciations are given. The free CD-ROM includes exercise and audio pronunciations, all of which are with an Australian accent.

ChemistryThe Central Science

This text combines the market leading writing and presentation skills of Bill Stevenson with integrated, thorough, Excel modeling from Ceyhun Ozgur. Professor Ozgur teaches Management Science, Operations, and Statistics using Excel, at the undergrad and MBA levels at Valparaiso University --and Ozgur developed and tested all examples, problems and cases with his students. The authors have written this text for students who have no significant mathematics training and only the most elementary experience with Excel.

This is the eBook of the printed book and may not include any media, website access codes, or print supplements that may come packaged with the bound book. Conceptual Physical Science, Fifth Edition, takes learning physical science to a new level by combining Hewitt's leading conceptual approach with a friendly writing style, strong integration of the sciences, more quantitative coverage, and a wealth of media resources to help professors in class, and students out of class. It provides a conceptual overview of basic, essential topics in physics,

chemistry, earth science, and astronomy with optional quantitative coverage. Revised standard textbook and/or reference on the relationship between mechanical and electrical systems and the buildings they serve. This edition extends the philosophy of the seventh edition (1986), emphasizing the themes of energy conservation and the use of renewable energy sources while keeping readers informed of the major changes in equipment technology wrought by the microprocessor and the computer. A background of college-level mathematics and physics is assumed, and the volume is recognized as an important reference for the national architectural licensing examination. Annotation copyrighted by Book News, Inc., Portland, OR

Intended for first year Chemistry majors and non-majors, this book teaches students the concepts and skills for understanding chemistry, and contains content related to Organic Chemistry. It also provides the information students need for learning, skill development, reference and test preparation.

Authoritative, thorough, and engaging, *Life: The Science of Biology* achieves an optimal balance of scholarship and teachability, never losing sight of either the science or the student. The first introductory text to present biological concepts through the research that revealed them, *Life* covers the full range of topics with an integrated experimental focus that flows naturally from the narrative. This approach helps to bring the drama of classic and cutting-edge research to the classroom - but always in the context of reinforcing core ideas and the innovative scientific thinking behind them. Students will experience biology not just as a litany of facts or a highlight reel of experiments, but as a rich, coherent discipline.

ALERT: Before you purchase, check with your instructor or review your course syllabus to ensure that you select the correct ISBN. Several versions of Pearson's MyLab & Mastering products exist for each title, including customized versions for individual schools, and registrations are not transferable. In addition, you may need a CourseID, provided by your instructor, to register for and use Pearson's MyLab & Mastering products. Packages Access codes for Pearson's MyLab & Mastering products may not be included when purchasing or renting from companies other than Pearson; check with the seller before completing your purchase. Used or rental books If you rent or purchase a used book with an access code, the access code may have been redeemed previously and you may have to purchase a new access code. Access codes Access codes that are purchased from sellers other than Pearson carry a higher risk of being either the wrong ISBN or a previously redeemed code. Check with the seller prior to purchase. -- The trusted, innovative, calibrated leader--now tightly--integrated with MasteringChemistry®. Unrivaled problems, notable scientific accuracy and currency, and remarkable clarity have made *Chemistry: The Central Science* the leading general chemistry text for more than a decade. Trusted, innovative, and calibrated, the text increases conceptual understanding and student success in general chemistry by building on the expertise of the dynamic author team of leading researchers and award-winning professors. The new Thirteenth Edition

builds on the Twelfth Edition's major revision, in which every word and piece of art was scrutinized by all the authors to increase its effectiveness. Placing a greater emphasis on research, this edition is more tightly integrated with MasteringChemistry, the leading online homework, tutorial, and assessment program- resulting in an unparalleled teaching and learning package that personalizes learning and coaches students toward understanding and mastery of tough chemistry topics. This program presents a better teaching and learning experience-for you and your students. It provides: Superior support beyond the classroom with MasteringChemistry: Students benefit from personalized, interactive learning through MasteringChemistry's self-paced tutorials that guide them through the text's most challenging topics; provide immediate, specific feedback; and keep students engaged and on track. Enhanced learning from a dynamic author team of leading researchers and award-winning professors: Each member of this well-respected author team brings their expertise in a wide range of areas to the pages of this popular text. All authors have been active researchers and have taught general chemistry for many years. Improved conceptual understanding through stepped up, relevant pedagogy: Students get numerous opportunities to test their knowledge through Give It Some Thought (GIST) exercises, Go Figure questions, and A Closer Look essays, now integrated with clicker questions and in MasteringChemistry. Invaluable aids that ensure problem-solving success: By using a consistent process, a unique Analyze/Plan/Solve/Check format, dual-column problem-solving approach in certain areas, a new practice exercise following each worked example, and the Strategies in Chemistry feature, students are placed on the right path from the very start to excel at problem solving and comprehension. Clarity through visualization from a variety of perspectives, including macroscopic, microscopic, and symbolic: Included are Visualizing Concepts exercises, with models, graphs, and other visual materials; sample exercises with molecular illustrations; and conceptual questions in the end-of-chapter questions. Package consists of:

0321910419 / 9780321910417 CHEMISTRY: THE CENTRAL SCIENCE

0321934245 / 9780321934246 MasteringChemistry with Pearson eText --

Valuepack Access Card -- for CHEMISTRY: THE CENTRAL SCIENCE

A textbook on the psychological issue of adjustment that encourages students to assess popular psychology resources. Emphasizes both theory and application in content areas such as modern life, personality, stress, coping, social influence, interpersonal communication, love, gender, development, careers, sexuality, health, disorders, and psychotherapy.

Full solutions to all end-of-chapter exercises in the text are provided. With an instructor's permission, this manual may be made available to students.

In COLLEGE MATHEMATICS FOR THE MANAGERIAL, LIFE, AND SOCIAL SCIENCES, Soo T. Tan provides an accessible yet accurate presentation of mathematics combined with just the right balance of applications, pedagogy, and technology to help students succeed in the course. The new Sixth Edition

includes highly interesting current applications and exercises to help stimulate student motivation. An exciting new array of supplements provides students with extensive learning support so instructors will have more time to focus on teaching core concepts.

A comprehensive guide to information sources relevant to the building industry and legislation affecting it. It is designed for use as a tool either in the office or on site, giving facts in a compendium style to meet the most common requirements of the busy builder.

For courses in two-semester general chemistry. Accurate, data-driven authorship with expanded interactivity leads to greater student engagement. Unrivaled problem sets, notable scientific accuracy and currency, and remarkable clarity have made Chemistry: The Central Science the leading general chemistry text for more than a decade. Trusted, innovative, and calibrated, the text increases conceptual understanding and leads to greater student success in general chemistry by building on the expertise of the dynamic author team of leading researchers and award-winning teachers. Pearson Mastering Chemistry is not included. Students, if Mastering is a recommended/mandatory component of the course, please ask your instructor for the correct ISBN and course ID. Mastering should only be purchased when required by an instructor. Instructors, contact your Pearson rep for more information. Mastering is an online homework, tutorial, and assessment product designed to personalize learning and improve results. With a wide range of interactive, engaging, and assignable activities, students are encouraged to actively learn and retain tough course concepts.

Mechanical Engineer's Reference Book, 12th Edition is a 19-chapter text that covers the basic principles of mechanical engineering. The first chapters discuss the principles of mechanical engineering, electrical and electronics, microprocessors, instrumentation, and control. The succeeding chapters deal with the applications of computers and computer-integrated engineering systems; the design standards; and materials' properties and selection. Considerable chapters are devoted to other basic knowledge in mechanical engineering, including solid mechanics, tribology, power units and transmission, fuels and combustion, and alternative energy sources. The remaining chapters explore other engineering fields related to mechanical engineering, including nuclear, offshore, and plant engineering. These chapters also cover the topics of manufacturing methods, engineering mathematics, health and safety, and units of measurements. This book will be of great value to mechanical engineers.

NOTE: This edition features the same content as the traditional text in a convenient, three-hole-punched, loose-leaf version. Books a la Carte also offer a great value; this format costs significantly less than a new textbook. Before purchasing, check with your instructor or review your course syllabus to ensure that you select the correct ISBN. Several versions of MyLab(tm) and Mastering(tm) platforms exist for each title, including customized versions for individual schools, and registrations are not transferable. In addition, you may

need a Course ID, provided by your instructor, to register for and use MyLab and Mastering products. For courses in two-semester general chemistry. Accurate, data-driven authorship with expanded interactivity leads to greater student engagement. Unrivaled problem sets, notable scientific accuracy and currency, and remarkable clarity have made Chemistry: The Central Science the leading general chemistry text for more than a decade. Trusted, innovative, and calibrated, the text increases conceptual understanding and leads to greater student success in general chemistry by building on the expertise of the dynamic author team of leading researchers and award-winning teachers. In this new edition, the author team draws on the wealth of student data in

Mastering(tm)Chemistry to identify where students struggle and strives to perfect the clarity and effectiveness of the text, the art, and the exercises while addressing student misconceptions and encouraging thinking about the practical, real-world use of chemistry. New levels of student interactivity and engagement are made possible through the enhanced eText 2.0 and Mastering Chemistry, providing seamlessly integrated videos and personalized learning throughout the course. Also available with Mastering Chemistry Mastering(tm) Chemistry is the leading online homework, tutorial, and engagement system, designed to improve results by engaging students with vetted content. The enhanced eText 2.0 and Mastering Chemistry work with the book to provide seamless and tightly integrated videos and other rich media and assessment throughout the course.

Instructors can assign interactive media before class to engage students and ensure they arrive ready to learn. Students further master concepts through book-specific Mastering Chemistry assignments, which provide hints and answer-specific feedback that build problem-solving skills. With Learning Catalytics(tm) instructors can expand on key concepts and encourage student engagement during lecture through questions answered individually or in pairs and groups.

Mastering Chemistry now provides students with the new General Chemistry Primer for remediation of chemistry and math skills needed in the general chemistry course. If you would like to purchase both the loose-leaf version of the text and MyLab and Mastering, search for: 0134557328 / 9780134557328

Chemistry: The Central Science, Books a la Carte Plus MasteringChemistry with Pearson eText -- Access Card Package Package consists of: 0134294165 / 9780134294162 MasteringChemistry with Pearson eText -- ValuePack Access Card -- for Chemistry: The Central Science 0134555635 / 9780134555638

Chemistry: The Central Science, Books a la Carte Edition

The trusted, innovative, calibrated leader. Unrivaled problems, notable scientific accuracy and currency, and remarkable clarity have made Chemistry: The Central Science the leading general chemistry text for more than a decade. Trusted, innovative, and calibrated, the text increases conceptual understanding and student success in general chemistry by building on the expertise of the dynamic author team of leading researchers and award-winning professors. The new Thirteenth Edition builds on the Twelfth Edition's major revision, in which

every word and piece of art was scrutinized by all the authors to increase its effectiveness. Placing a greater emphasis on research, this edition is more tightly integrated with MasteringChemistry, the leading online homework, tutorial, and assessment program- resulting in an unparalleled teaching and learning package that personalizes learning and coaches students toward understanding and mastery of tough chemistry topics. This program presents a better teaching and learning experience-for you and your students. It provides:

- *Enhanced learning from a dynamic author team of leading researchers and award-winning professors: Each member of this well-respected author team brings their expertise in a wide range of areas to the pages of this popular text. All authors have been active researchers and have taught general chemistry for many years.
- *Improved conceptual understanding through stepped up, relevant pedagogy: Students get numerous opportunities to test their knowledge through Give It Some Thought (GIST) exercises, Go Figure questions, and A Closer Look essays, now integrated with clicker questions and in MasteringChemistry.
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The Study Guide to accompany Organic Chemistry, 12th Edition contains review materials, practice problems and exercises to enhance mastery of the material in Organic Chemistry, 12th Edition. In the Study Guide to accompany Organic Chemistry, 12th Edition, special attention is paid towards helping students learn how to put the various pieces of organic chemistry together in order to solve problems. The Study Guide helps clarify to students what organic chemistry is and how it works so that students can master the theory and practice of organic chemistry. The Study Guide emphasizes an understanding of how different molecules react together to create products and the relationship between structure and reactivity.

If you think you know the Brown, LeMay Bursten Chemistry text, think again. In response to market request, we have created the third Australian edition of the US bestseller, Chemistry: The Central Science. An extensive revision has taken this text to new heights! Triple checked for scientific accuracy and consistency, this edition is a more seamless and cohesive product, yet retains the clarity, innovative pedagogy, functional problem-solving and visuals of the

Where To Download Central Science 12th Edition Exercises

previous version. All artwork and images are now consistent in quality across the entire text. And with a more traditional and logical organisation of the Organic Chemistry content, this comprehensive text is the source of all the information and practice problems students are likely to need for conceptual understanding, development of problem solving skills, reference and test preparation.

This is the eBook of the printed book and may not include any media, website access codes, or print supplements that may come packaged with the bound book. This best-selling text, written for the non-scientist, is appropriate for a wide variety of students, including criminal justice, law enforcement, law, and more! Criminalistics: An Introduction to Forensic Science, 11e, strives to make the technology of the modern crime laboratory clear and comprehensible to the non-scientist. The nature of physical evidence is defined, and the limitations that technology and current knowledge i.

Features detailed step-by-step solutions to the more than 1,500 black-numbered end-of-chapter problems in Chemistry : the central science, twelfth edition.

The trusted, innovative, calibrated leader Unrivaled problems, notable scientific accuracy and currency, and remarkable clarity have made Chemistry: The Central Science the leading general chemistry text for more than a decade. Trusted, innovative, and calibrated, the text increases conceptual understanding and student success in general chemistry by building on the expertise of the dynamic author team of leading researchers and award-winning professors. The new Thirteenth Edition builds on the Twelfth Edition's major revision, in which every word and piece of art was scrutinized by all the authors to increase its effectiveness. Placing a greater emphasis on research, this edition is more tightly integrated with MasteringChemistry, the leading online homework, tutorial, and assessment program—resulting in an unparalleled teaching and learning package that personalizes learning and coaches students toward understanding and mastery of tough chemistry topics. This program presents a better teaching and learning experience—for you and your students. It provides: Enhanced learning from a dynamic author team of leading researchers and award-winning professors: Each member of this well-respected author team brings their expertise in a wide range of areas to the pages of this popular text. All authors have been active researchers and have taught general chemistry for many years. Improved conceptual understanding through stepped up, relevant pedagogy: Students get numerous opportunities to test their knowledge through Give It Some Thought (GIST) exercises, Go Figure questions, and A Closer Look essays, now integrated with clicker questions and in MasteringChemistry. Invaluable aids that ensure problem-solving success: By using a consistent process, a unique Analyze/Plan/Solve/Check format, dual-column problem-solving approach in certain areas, a new practice exercise following each worked example, and the Strategies in Chemistry feature, students are placed on the right path from the very start to excel at problem solving and comprehension. Clarity through visualization from a variety of perspectives, including macroscopic, microscopic, and symbolic: Included are Visualizing Concepts exercises, with models, graphs, and other visual materials; sample exercises with molecular illustrations; and conceptual questions in the end-of-chapter questions. Superior support beyond the classroom with MasteringChemistry: Students benefit from personalized, interactive learning through MasteringChemistry's self-paced tutorials that guide them through the text's most challenging topics; provide immediate, specific feedback; and keep students engaged and on track. Note: You are purchasing a standalone product; MasteringChemistry does not come packaged with this content. MasteringChemistry is not a self-paced technology and should only be purchased when required by an instructor.

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