

Chemistry And Chemical Reactivity Kotz

Never HIGHLIGHT a Book Again! Virtually all of the testable terms, concepts, persons, places, and events from the textbook are included. Cram101 Just the FACTS101 studyguides give all of the outlines, highlights, notes, and quizzes for your textbook with optional online comprehensive practice tests. Only Cram101 is Textbook Specific. Accompanys: 9780840048288 .

Succeed in chemistry using this paperback edition of CHEMISTRY & CHEMICAL REACTIVITY, Hybrid with OWL, Eighth Edition, which includes access to OWL Online Web Learning and its built-in interactive eBook. Packed with clear explanations, easy-to-follow problem-solving strategies, and dynamic study tools, the book combines thorough instruction with the powerful multimedia tools you need to develop a deeper understanding of general chemistry concepts. With OWL, you can learn at your own pace to ensure you've mastered each concept before you move on. The authors emphasize the visual nature of chemistry, illustrating the close interrelationship of the macroscopic, symbolic, and particulate levels of chemistry. The book's built-in access to the OWL online learning system helps you maximize your study time and improve your success in the course, while the interactive and customizable Cengage YouBook (interactive eBook) enhances your understanding through videos and animations and gives you the ability to highlight, add notes, and more--including the option to download GO CHEMISTRY mini video lectures on to the key topics in the text for quick, on-the-go review on your iTunes, video iPods/iPhones, other personal video players, and QuickTime.

Kotz/Treichel/Weaver's Chemistry and Chemical Reactivity, Sixth Enhanced Review Edition includes unique Let's Review sections that are designed to help students prepare for multiple chapter exams. These new sections provide additional questions, including molecular and applied problems, linked to chapter goals and corresponding media resources. The Enhanced Review Edition is softbound and less expensive than the standard textbook. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Students will come to a new level of understanding when using this manual as they study. It contains fully worked-out solutions to the even-numbered end-of-chapter problems using the sound problem-solving techniques used in the text.

Improve your performance at exam time with this manual's detailed solutions to the blue-numbered end-of-chapter Study Questions found in the text. This comprehensive guide helps you develop a deeper intuitive understanding of chapter material through constant reinforcement and practice. Solutions match the problem-solving strategies used in the text.

Taking an evidence-first big picture approach, Chemistry: Human Activity, Chemical Reactivity encourages students to think like a chemist, develop critical understanding of what chemistry is, why it is important and how chemists arrive at their discoveries. Flipping the traditional model of presenting facts and building to applications, this text begins with contexts that are real-life and matter to students – from doping in sports, to the chemistry behind the treads of wall-climbing robots. Informed by the latest chemical education research, Chemistry: Human Activity, Chemical Reactivity presents chemistry as the exciting, developing human activity that it is, rather than a body of facts, theories, and skills handed down from the past. Along with the innovative MindTap Reader and OWLv2 learning platform, this text uses unique case studies and critically acclaimed interactive e-resources to help students learn chemistry and how it is helping to address global challenges of the 21st century.

Succeed in chemistry with the clear explanations, problem-solving strategies, and dynamic study tools of CHEMISTRY & CHEMICAL REACTIVITY, 9e. Combining thorough instruction with the powerful multimedia tools you need to develop a deeper understanding of general chemistry concepts, the text emphasizes the visual nature of chemistry, illustrating the close interrelationship of the macroscopic, symbolic, and particulate levels of chemistry. The art program illustrates each of these levels in engaging detail--and is fully integrated with key media components. In addition access to OWLv2 may be purchased separately or at a special price if packaged with this text. OWLv2 is an online homework and tutorial system that helps you maximize your study time and improve your success in the course. OWLv2 includes an interactive eBook, as well as hundreds of guided simulations, animations, and video clips. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Providing the most innovative homework, assessment, and study tools available for general chemistry, this thoroughly revised new edition of CHEMISTRY & CHEMICAL REACTIVITY, 8e, International Edition continues to offer the signature clear explanations, macro to micro orientation, enhanced problem-solving strategies, and superior art program that have made it a best-seller. The text emphasizes the visual nature of chemistry, illustrating the close interrelationship of the macroscopic, symbolic, and particulate levels of chemistry. The highly acclaimed art program illustrates each of these levels in engaging detail—and is fully integrated with key media components. Now featuring more coverage of green/sustainable chemistry, the new edition provides students with even more problem-solving support through a revised format for worked problems, new problem strategy maps, new Review & Check problems, and more. OWL (Online Web Learning), a fully customizable homework and tutorial system (now featuring an interactive e-Book) maximizes student study time—and your options for assignments. Quality writing, seamless technology integration, and a rich ancillary package remain the hallmarks of CHEMISTRY & CHEMICAL REACTIVITY, 8e, International Edition.

Revised to help students obtain a higher level of understanding of general chemistry concepts, CHEMISTRY & CHEMICAL REACTIVITY, 7th Edition provides the most robust homework/assessment tools ever offered in chemistry. The Enhanced Review Edition combines the text's signature logical organization, macro to micro orientation, and superior art program with new exam preparation sections designed to help students better prepare for multiple chapter examinations. Let's Review sections present study tips, key points lists, and new exam-type questions for multiple chapters grouped according to where most exams occur in the course. The Enhanced Review Edition includes the same integration of media as the standard edition, which includes hundreds of guided simulations, animations, video clips, and a personal tutor. Online Web-based Learning (OWL) is a fully customizable homework system with an optional e-book that maximizes study time and your options for assignments and is available for separate purchase or in a package with your text. Additional more challenging end-of-chapter study questions, which are fully assignable in OWL, give you more choices. And for the student on the go, the new Go Chemistry mini video lectures and flash cards provide the perfect quick review. Quality writing, seamless technology integration, and a rich ancillary package remain the hallmarks of the text. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

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The principal theme of this book is to provide a broad overview of the principles of chemistry and the reactivity of the chemical elements and their compounds.

"Chapter Goals" and "Chapter Goals Revisited" are two new features in this revision. Each chapter starts with a list of goals that allows students to see what is ahead. The chapter concludes with a repetition of that list with summary information added. General ChemistryNow is correlated to this list. New to this edition are dozens of "Active Figures" to help students visualize chemistry in action. These animated versions of text art help students master key concepts from the book. "Active Figures" can be used as demonstrations in the classroom and each figure is paired with a guided exploration and exercise to ensure students understand the concept being illustrated. In-text worked "Examples" follow a four-part structure: "Problem" statement, "Strategy" for approaching the problem, fully worked "Solution," and, where appropriate, a "Comment" on the problem and solution. Through this approach, students learn how to approach a problem rather than merely learning to memorize problem types and memorized solution approaches. Exercises appear throughout the text so students can check their comprehension of the material. Answers are in an appendix. "Problem-Solving Tips" provide readers tips for determining how to approach and solve problems. "Chemical Perspectives" are essays that bring relevance and perspective to a study of chemistry. In order to put chemistry in its historical context, "Historical Perspective" essays describe the people who were key to developing the concepts of the chapter. "A Closer Look" essays describe ideas that form the background to material under discussion or provide another dimension of the subject. - Publisher.

This book ' porpuses isn 't to replace de textbook, it 's just to use like a study guide to supplement your textbook and the class notes. Each chapter int it includes a section of learning goals, important terms, concept test, practice problems, and practice test. In adiction, many chapters include study hints th at may help students to avoid some of the most common misunderstandings and mistakes regarding this material.

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Offering detailed solutions to the blue-numbered end-of-chapter Study Questions answered at the end of the text, this comprehensive guide helps students achieve a deeper intuitive understanding of the material through constant reinforcement and practice, ultimately resulting in better preparation for in-class quizzes and tests. Three sample chapters are available for review on the PowerLecture Instructor's Resource DVD-ROM.

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Help your students succeed in chemistry with the clear explanations, problem-solving strategies, and dynamic study tools of CHEMISTRY & CHEMICAL REACTIVITY, Tenth Edition. Recognized as one of the most progressive and engaging General Chemistry texts in the market, Kotz, Treichel, Townsend and Treichel help students develop a deeper understanding of general chemistry concepts. The text emphasizes the visual nature of chemistry, illustrating the close interrelationship of the macroscopic, symbolic, and particulate levels of chemistry with an art program that illustrates each of these levels in engaging detail. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

"An interactive presentation of general chemistry for college and university students ... While the Interactive Presentation makes up the majority of the material on these discs, other items are: ActivChemistry Software, CAChe Visualizer for Education, a tool for visualizing molecules and their properties, Interactive periodic table database, Database of Common Chemical Compounds, Plotting tool, Molecular weight and molarity calculators."--Page iii.

Chemistry & Chemical ReactivityCengage Learning

Chemistry & Chemical Reactivity has helped bring more than a million students to a new level of understanding and appreciation for chemistry's vital role in their lives. Accessible writing, powerful visuals, and seamless technology integration are just a few reasons why this is the text of choice for instructors across the globe-and why their students have successfully mastered the basic principles of chemistry.

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CHEMISTRY & CHEMICAL REACTIVITY, 7e, combines thorough instruction with powerful multimedia tools to give you a deeper understanding of general chemistry concepts. The book has a long-standing reputation for logical organization; macro to micro orientation; a superior art program; and state-of-the art media, which is expanded in the new edition. The text clearly emphasizes the visual nature of chemistry and illustrates the close interrelationship of the macroscopic, symbolic, and particulate levels of chemistry. With clear writing, seamless technology integration, and robust homework/assessment tools, CHEMISTRY & CHEMICAL REACTIVITY, 7e, equips you with tools to empower the mastery, assignment, and assessment of chemical principles.

The text's art program reveals these three levels in engaging detail--and is fully integrated with new key media components. The Web-based tutorial CengageNOW™ generates a personalized study plan to meet your specific needs and includes Go Chemistry mini video lectures and flash cards that offer the perfect quick review for students on the go. Fully customizable OWL is a Web-based homework system that maximizes study time and offers an optional e-book. With hundreds of guided simulations, animations, video clips, and more, CHEMISTRY & CHEMICAL REACTIVITY, 7e, is more completely integrated with accompanying technology than any other text on the market. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

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