

Ap Chemistry Practice Test And Answers

Make sure you're studying with the most up-to-date prep materials! Look for The Princeton Review's Cracking the AP Chemistry Exam, 2020, Premium Edition (ISBN: 9780525568179, on-sale August 2019). Publisher's Note: Products purchased from third-party sellers are not guaranteed by the publisher for quality or authenticity, and may not include access to online tests or materials included with the original product.

Be prepared for exam day with Barron's. Trusted content from AP experts! Barron's AP Chemistry Premium: 2022-2023 includes in-depth content review and online practice. It's the only book you'll need to be prepared for exam day. Written by Experienced Educators Learn from Barron's--all content is written and reviewed by AP experts Build your understanding with comprehensive review tailored to the most recent exam Get a leg up with tips, strategies, and study advice for exam day--it's like having a trusted tutor by your side Be Confident on Exam Day Sharpen your test-taking skills with 6 full-length practice tests--3 in the book and 3 more online Strengthen your knowledge with in-depth review covering all Units on the AP Chemistry Exam Reinforce your learning with practice questions at the end of each chapter Interactive Online Practice Continue your practice with 3 full-length practice tests on Barron's Online Learning Hub Simulate the exam experience with a timed test option Deepen your understanding with detailed answer explanations and expert advice Gain confidence with automated scoring to check your learning progress

A Perfect Plan for the Perfect Score We want you to succeed on your AP* exam. That's why we've created this 5-step plan to help you study more effectively, use your preparation time wisely, and get your best score. This easy-to-follow guide offers you a complete review of your AP course, strategies to give you the edge on test day, and plenty of practice with AP-style test questions. You'll sharpen your subject knowledge, strengthen your thinking skills, and build your test-taking confidence with Full-length practice exams modeled on the real test All the terms and concepts you need to know to get your best score Your choice of three customized study schedules--so you can pick the one that meets your needs The 5-Step Plan helps you get the most out of your study time: Step 1: Set Up Your Study Program Step 2: Determine Your Readiness Step 3: Develop the Strategies Step 4: Review the Knowledge Step 5: Build Your Confidence Topics include: Reactions and Periodicity, Stoichiometry, Gases, Thermodynamics, Spectroscopy, Light, and Electrons, Bonding, Solids, Liquids, and Intermolecular Forces, Solutions and Colligative Properties, Kinetics, Equilibrium, Electrochemistry, Nuclear Chemistry, and Organic Chemistry Also includes: AP Chemistry practice exams *AP, Advanced Placement Program, and College Board are registered trademarks of the College Entrance Examination Board, which was not involved in the production of, and does not endorse, this product.

Includes three diagnostic tests and three full-length AP practice exams that are aligned with the upcoming, new AP Chemistry exam; all questions answered and explained; comprehensive subject review covering all test topics; study tips; plus FREE access to three additional full-length online tests with all questions answered and explained. The online exams can be easily accessed by computer, tablet, and smartphone.

A NEWER EDITION OF THIS TITLE IS AVAILABLE. SEE ISBN: 978-0-7386-0427-5 Our savvy test experts show you the way to master the test and score higher. This new and fully expanded edition examines all AP Chemistry areas including in-depth coverage of solutions, stoichiometry, kinetics, and thermodynamics. The comprehensive review covers every possible exam topic: the structure of matter, the states of matter, chemical reactions, and descriptive chemistry. Features 6 full-length practice exams with all answers thoroughly explained. Follow up your study with REA's test-taking strategies, powerhouse drills and study schedule that get you ready for test day. DETAILS -

Comprehensive, up-to-date subject review of every AP Chemistry topic used in the AP exam - Study schedule tailored to your needs - Packed with proven key exam tips, insights and advice - 6 full-length practice exams. All exam answers are fully detailed with easy-to-follow, easy-to-grasp explanations. TABLE OF CONTENTS About Research & Education Association Preface About the Test Scoring Contacting the AP Program AP CHEMISTRY COURSE REVIEW CHAPTER 1 - THE STRUCTURE OF MATTER A. ATOMIC PROPERTIES 1. The Atomic Theory and Evidence for the Atomic Theory 2. Chemical and Physical Approaches to Atomic Weight Determination 3. Atomic Number and Mass Number, Isotopes, Mass Spectroscopy 4. Electron Energy Levels 5. The Periodic Table and Periodic Relationships: Symbols, Radii, Ionization Energy, Electron Affinity, Oxidation States B. BONDING 1. Types of Bonds 2. Effects of Bonding Forces on States, Structures, and Properties of Matter 3. Polarity and Electronegativity 4. Geometry of Ions, Molecules, and Coordination Complexes 5. Molecular Models C. NUCLEAR CHEMISTRY, NUCLEAR EQUATIONS, HALF-LIVES, RADIOACTIVITY CHAPTER 2 - STATES OF MATTER A. GASES 1. Ideal Gas Laws 2. Kinetic Molecular Theory B. LIQUIDS AND SOLIDS 1. Kinetic-Molecular View of Liquids and Solids 2. Phase Diagram 3. Changes of State, Critical Phenomena 4. Structure of Crystals C. SOLUTIONS 1. Types of Solutions 2. Factors Affecting Solubility 3. Ways of Expressing Concentrations 4. Colligative Properties 5. Interionic Attractions CHAPTER 3 - REACTIONS A. TYPES 1. Forming and Cleaving Covalent Bonds 2. Precipitation 3. Oxidation and Reduction B. STOICHIOMETRY 1. Recognizing the Presence of Ionic and Molecular Species 2. Balancing Chemical Equations 3. Weight and Volume Relationships C. EQUILIBRIUM 1. Dynamic Equilibrium Both Physical and Chemical 2. The Relationship Between K_p and K_c 3. Equilibrium Constants for Reactions in Solutions D. KINETICS 1. Rate of Reaction 2. Reaction Order 3. Temperature Changes and Effect on Rate 4. Activation Energy 5. Mechanism of a Reaction E. THERMODYNAMICS 1. State Functions 2. The First Law of Thermodynamics 3. The Second Law of Thermodynamics 4. Change in Free Energy CHAPTER 4 - DESCRIPTIVE CHEMISTRY 1. Horizontal, Vertical, and Diagonal Relationships in the Periodic Table 2. Chemistry of the Main Groups and Transition Elements and Representatives of Each 3. Organic Chemistry 4. Structural Isomerism PRACTICE EXAMS AP CHEMISTRY EXAM I AP CHEMISTRY EXAM II AP CHEMISTRY EXAM III AP CHEMISTRY EXAM IV AP CHEMISTRY EXAM V AP CHEMISTRY EXAM VI

FORMULAS AND TABLES EXCERPT About Research & Education Association Research & Education Association (REA) is an organization of educators, scientists, and engineers specializing in various academic fields. Founded in 1959 with the purpose of disseminating the most recently developed scientific information to groups in industry, government, high schools, and universities, REA has since become a successful and highly respected publisher of study aids, test preps, handbooks, and reference works. REA's Test Preparation series includes study guides for all academic levels in almost all disciplines. Research & Education Association publishes test preps for students who have not yet completed high school, as well as high school students preparing to enter college. Students from countries around the world seeking to attend college in the United States will find the assistance they need in REA's publications. For college students seeking advanced degrees, REA publishes test preps for many major graduate school admission examinations in a wide variety of disciplines, including engineering, law, and medicine. Students at every level, in every field, with every ambition can find what they are looking for among REA's publications. While most test preparation books present practice tests that bear little resemblance to the actual exams, REA's series presents tests that accurately depict the official exams in both degree of difficulty and types of questions. REA's practice tests are always based upon the most recently administered exams, and include every type of question that can be expected on the actual exams. REA's publications and educational materials are highly regarded and continually receive an unprecedented amount of praise from professionals, instructors, librarians, parents, and students. Our authors are as diverse as the fields represented in the books we publish. They are well-known in their respective disciplines and serve on the faculties of prestigious high schools, colleges, and universities throughout the United States and Canada. PREFACE This book provides an accurate and complete representation of the Advanced Placement Examination in Chemistry. Our six practice exams are based on the most recently administered Advanced Placement Chemistry Exams. Each exam is three hours in length and includes every type of question that can be expected on the actual exam. Following each exam is an answer key complete with detailed

explanations designed to clarify and contextualize the material. By completing all six exams and studying the explanations which follow, you can discover your strengths and weaknesses and thereby become well prepared for the actual exam. The formulas and tables for the AP Chemistry Exam can be found at the back of this book, beginning on page 417. You will be provided these formulas and tables when you take the actual exam. You should also use this material when taking the practice tests in this book.

ABOUT THE TEST The Advanced Placement Chemistry Examination is offered each May at participating schools and multi-school centers throughout the world. The Advanced Placement Program is designed to allow high school students to pursue college-level studies while attending high school. The participating colleges, in turn, grant credit and/or advanced placement to students who do well on the examinations. The Advanced Placement Chemistry course is designed to be the equivalent of a college introductory chemistry course, often taken by chemistry majors in their first year of college. Since the test covers a broad range of topics, no student is expected to answer all of the questions correctly. The exam is divided into two sections: 1) Multiple-choice: Composed of 75 multiple-choice questions designed to test your ability to recall and understand a broad range of chemical concepts and calculations. This section constitutes 45% of the final grade and you are allowed 90 minutes for this portion of the exam. Calculators are not permitted for this section of the exam. 2) Free-response section: Composed of several comprehensive problems and essay topics. This section constitutes 55% of the final grade and the student is allowed 90 minutes for this portion of the exam. You may choose from the questions provided. These problems and essays are designed to test your ability to think clearly and to present ideas in a logical, coherent fashion. You can bring an electronic hand-held calculator for use on the 40-minute free-response section. Essay and chemical-reaction questions comprise the last 50 minutes of the test, during which calculators are not permitted. A final note about calculators: Most hand-held models are allowed in the test center; the only notable exceptions are those with typewriter-style (QWERTY) keypads. If you are unsure if your calculator is permitted, check with your teacher or Educational Testing Service.

SCORING The multiple-choice section of the exam is scored by crediting each correct answer with one point, and deducting only partial credit (one-fourth of a point) for each incorrect answer. Omitted questions receive neither a credit nor a deduction. The essay section is scored by a group of more than 1,000 college and high school educators familiar with the AP Program. These graders evaluate the accuracy and coherence of the essays accordingly. The grades given for the essays are combined with the results of the multiple-choice section, and the total raw score is then converted to the program's five-point scale: 5 - Extremely well qualified 4 - Well qualified 3 - Qualified 2 - Possibly qualified

Make sure you're studying with the most up-to-date prep materials! Look for the newest edition of this title, Princeton Review AP Calculus AB Prep, 2021 (ISBN: 9780525569459, on-sale August 2020). Publisher's Note: Products purchased from third-party sellers are not guaranteed by the publisher for quality or authenticity, and may not include access to online tests or materials included with the original product.

EVERYTHING YOU NEED TO HELP SCORE A PERFECT 5. Equip yourself to ace the AP Chemistry Exam with The Princeton Review's comprehensive study guide—including 2 full-length practice tests, thorough content reviews, access to our AP Connect online portal, and targeted strategies for every section of the exam. This eBook edition is optimized for on-screen learning with cross-linked questions, answers, and explanations. We don't have to tell you how tough AP Chem is—or how important a stellar score on the AP exam can be to your chances of getting into a top college of your choice. Written by Princeton Review experts who know their way around chem, *Cracking the AP Chemistry Exam* will give you the help you need to get the score you want. **Techniques That Actually Work.**

- Tried-and-true strategies to help you avoid traps and beat the test
- Tips for pacing yourself and guessing logically
- Essential tactics to help you work smarter, not harder

Everything You Need to Know to Help Achieve a High Score.

- Comprehensive content review for all test topics
- Up-to-date information on the 2016 AP Chemistry Exam
- Engaging activities to help you critically assess your progress
- Access to AP Connect, our online portal for helpful pre-college information and exam updates

Practice Your Way to Excellence.

- 2 full-length practice tests with detailed answer explanations
- Practice drills at the end of each content chapter
- Review of important laboratory procedures and equipment

Recommended by teachers. Trusted by students. Higher score money back guarantee! AP Chemistry Complete Content Review provides a detailed and thorough review of topics tested on the AP Physics 1 exam in 2018. The content covers foundational principles and concepts necessary to answer related questions on the test.

- Electronic and atomic structure of matter
- Periodic table
- Chemical bonding
- States of matter: gases, liquids, solids
- Solution chemistry
- Acids and bases
- Stoichiometry
- Equilibrium and reaction rates
- Thermochemistry
- Electrochemistry

This book provides a detailed and thorough review of topics tested on the AP Chemistry exam. The content covers foundational principles and theories necessary to answer related questions on the test. The information is presented clearly and organized in a systematic way to provide students with targeted AP Chemistry review tool. You can focus on one knowledge area at a time to learn and fully comprehend important concepts and theories, or to simply refresh your memory. By reading these review chapters thoroughly, you will learn important chemistry concepts and the relationships between them. This will prepare you for the exam and you will increase your score. Scoring high on AP exams is important for admission to college. To achieve a high score on AP Chemistry, you need to develop skills to properly apply the science knowledge you have to solving each question. Understanding key concepts, having the ability to extract information from the provided data and distinguishing between similar answer choices is more valuable than simply memorizing terms. All the material in this book are prepared by chemistry instructors with years of experience in applied chemistry, as well as in academic settings. This team of experts analyzed the content of the test, released by the College Board, and designed essential review that will help you build and solidify the knowledge necessary for your success on the exam. The content was reviewed for quality and effectiveness by our science editors who possess extensive credentials, are educated in top colleges and universities and have years of teaching and editorial experience. Reviews all subjects covered on the exam, presents study and test-taking tips, and provides a total of eight practice tests between book and CD.

CliffsNotes AP Chemistry 2021 Exam gives you exactly what you need to score a 5 on the exam: concise chapter reviews on every AP Chemistry subject, in-depth laboratory investigations, and full-length model practice exams to prepare you for the May 2021 exam. Revised to even better reflect the new AP Chemistry exam, this test-prep guide includes updated content tailored to the May 2021 exam. Features of the guide focus on what AP Chemistry test-takers need to score high on the exam: Reviews of all subject areas In-depth coverage of the all-important laboratory investigations Two full-length model practice AP Chemistry exams Every review chapter includes review questions and answers to pinpoint problem areas.

Gearing up for the AP Chemistry exam? AP Chemistry For Dummies is packed with all the resources and help you need to do your very best. This AP Chemistry study guide gives you winning test-taking tips, multiple-choice strategies, and topic guidelines, as well as great advice on optimizing your study time and hitting the top of your game on test day. This user-friendly guide helps you prepare without perspiration by developing a pre-test plan, organizing your study time, and getting the most out of your AP course. You'll get help understanding atomic structure and bonding, grasping atomic geometry, understanding how colliding particles produce states, and much more. Two full-length practice exams help you build your confidence, get comfortable with test formats, identify your strengths and weaknesses, and focus your studies. Discover how to Create and follow a pretest plan Understand everything you must know about the exam Develop a multiple-choice strategy Figure out displacement, combustion, and acid-base reactions Get familiar with stoichiometry Describe patterns and predict properties Get a handle on organic chemistry nomenclature Know your way around laboratory concepts, tasks, equipment, and safety Analyze laboratory data Use practice exams to maximize your score AP Chemistry For Dummies gives you the support, confidence, and test-taking know-how

you need to demonstrate your ability when it matters most.

Extensive test preparation for the AP Chemistry exam includes: Six practice AP exams: three diagnostic tests and three full-length practice exams that are aligned with the upcoming, new AP Chemistry exam All questions answered and explained A comprehensive subject review covering the structure of matter, chemical bonding, states of matter, physical chemistry, chemical reactions, and all other test topics Study tips and test-taking strategies This review book can be purchased alone or with an optional CD-ROM that presents two additional full-length practice tests with automatic scoring and fully explained answers.

Your complete guide to a higher score on the *AP Chemistry exam Why CliffsAP Guides? Go with the name you know and trust Get the information you need--fast! Written by test prep specialists About the contents: Introduction * Describes the exam's format * Discusses the topics covered * Gives proven strategies for answering the multiple-choice and free-response questions * Answers FAQs about the exam 5 Full-length AP Chemistry Practice Exams * Give you the practice and confidence you need to succeed * Structured like the actual exam so you know what to expect and learn to allot time appropriately * Each practice exam includes: * 75 multiple-choice questions * Free-response questions in 2 parts * An answer key plus detailed explanations * A score prediction tool *AP is a registered trademark of the College Board, which was not involved in the production of, and does not endorse, this product. AP Test Prep Essentials from the Experts at CliffsNotes?

AP Chemistry with Online Tests Simon and Schuster

AP Chemistry Prep, 2021, previously titled Cracking the AP Chemistry Exam, provides students with thorough subject reviews of all relevant topics, including atomic structure, thermodynamics, the periodic table, fundamental laws, organic chemistry, molecular binding, and key equations, laws, and formulas. It also includes helpful tables, charts, and diagrams, and detailed advice on how to write a high-scoring essay. For the 2021 edition, we are including 2 brand-new practice exams for 4 total tests. (Previous editions had 2 exams.)

AP Chemistry Premium Prep, 2021, previously titled Cracking the AP Chemistry Exam, Premium Edition, provides students with thorough subject reviews of all relevant topics, including atomic structure, thermodynamics, the periodic table, fundamental laws, organic chemistry, molecular binding, and key equations, laws, and formulas. It also includes helpful tables, charts, and diagrams, and detailed advice on how to write a high-scoring essay. This Premium edition includes 7 total full-length practice tests (5 in the book and 2 online), including 2 brand-new exams for 2020.

AP Chemistry prep best seller! Guaranteed higher score or your money back! We've helped thousands of students improve their AP scores This AP Chemistry prep book contains over 1,700 Chemistry practice questions that will help you to: - master important chemistry concepts - assess your knowledge of all AP Chemistry topics - improve your test-taking skills - prepare for the AP Chemistry exam comprehensively and cost effectively AP Chemistry 1,700+ Practice Questions by Sterling Test Prep is comprised of all Chemistry topics tested on the AP Chemistry exam. Scoring well on the AP exam is important for your future placement credit for college chemistry and for admission into college of your choice. To achieve a high score, you need to develop skills to properly apply the knowledge you have and quickly choose the correct answer. You must solve numerous practice questions that represent the style and content of the AP questions. Understanding key science concepts is more valuable than memorizing terms. All the questions are prepared by our science editors that possess extensive credentials, are educated in top colleges and universities. Our editors are experts on teaching sciences, preparing students for standardized science tests and have coached thousands of undergraduate and graduate school applicants on admission strategies. Topics covered in this book: electronic structure and periodic table, bonding, phases and phase equilibria, stoichiometry, thermodynamics and thermochemistry, rate processes in chemical reactions: kinetics and equilibrium, solution chemistry, acids and bases.

Test prep for the AP Chemistry exam, with 100% brand-new content that reflects recent exam changes Addressing the major overhaul that the College Board recently made to the AP Chemistry exam, this AP Chemistry test-prep guide includes completely brand-new content tailored to the exam, administered every May. Features of the guide include review sections of the six "big ideas" that the new exam focuses on: Fundamental building blocks Molecules and interactions Chemical reactions Reaction rates Thermodynamics Chemical equilibrium Every section includes review questions and answers. Also included in the guide are two full-length practice tests as well as a math review section and sixteen discrete laboratory exercises to prepare AP Chemistry students for the required laboratory experiments section on the exam.

Including 4 full length exams, structured and styled exactly like what you will find on the real AP Chemistry test, this study guide is designed to increase and maximize scores for any student regardless of current subject knowledge and skills. By providing only the effective content a student needs, time is better spent meaning total study time is actually decreased, preventing "burn-out" and mental fatigue, thus allowing for better retention of the key concepts needed for the AP Chemistry test. As with all of our study guides, we don't include any filler or fluff in our AP Chemistry review. If you need to know it, it is in this book. You'll get a complete review of all AP Chemistry content areas: Structure of Matter, States of Matter, Reactions, Descriptive Chemistry, and Laboratory. Finally, with four full-length sample AP Chemistry tests allow you to practice for the examination and hone your skills, providing you with an introduction to the types of questions you can expect on the test. PREMIUM PREP FOR A PERFECT 5! Ace the 2022 AP English Language & Composition Exam with this Premium version of The Princeton Review's comprehensive study guide—including 7 full-length practice tests with complete explanations, thorough content reviews, targeted strategies for every section of the exam, and access to online extras. Techniques That Actually Work. • Tried-and-true strategies to help you avoid traps and beat the test • Tips for pacing yourself and guessing logically • Essential tactics to help you work smarter, not harder Everything You Need for a High Score. • Up-to-date information on the 2022 AP English Language & Composition Exam • Comprehensive review of the synthesis, rhetorical analysis, and argumentative essays • Engaging coverage of word use and rhetorical modes • Access to study plans, a list of key terms, helpful pre-college information, and more via your online Student Tools account Premium Practice for AP Excellence. • 7 full-length practice tests (4 in the book, 3 online) with detailed answer explanations • Pacing drills to help you maximize points on the Reading and Writing passages • Detailed guides for the new analytical scoring rubrics

Provides subject reviews for all test topics, strategies and techniques for each section of the exam, and includes two full-length practice tests with answer explanations.

Provides techniques for achieving high scores on the AP chemistry exam and includes full-length practice tests.

Test Prep Books' AP Chemistry 2021 and 2022 Test Prep: AP Chem Review Book with Practice Exam Questions [2nd Edition Study Guide] Made by Test Prep Books experts for test takers trying to achieve a great score on the AP Chemistry exam. This comprehensive study guide includes: Quick Overview Find out what's inside this guide! Test-Taking Strategies Learn the best tips to help overcome your exam! Introduction Get a thorough breakdown of what the test is and what's on it! Unit 1 Atomic Structure and Properties Unit 2 Molecular and Ionic Compound Structure and Properties Unit 3 Intermolecular Forces and Properties Unit 4 Chemical Reactions Unit 5 Kinetics Unit 6 Thermodynamics Unit 7 Equilibrium Unit 8 Acids and Bases Unit 9 Applications of Thermodynamics Practice Questions Practice makes perfect! Detailed Answer Explanations Figure out where you went wrong and how to improve! Disclaimer: *AP(R) and Advanced Placement(R) are trademarks registered by the College Board, which is not affiliated with, and does not endorse, this product. Studying can be hard. We get it. That's why we created this guide with these great features and benefits: Comprehensive Review: Each section of the test

has a comprehensive review created by Test Prep Books that goes into detail to cover all of the content likely to appear on the test. AP Chemistry Practice Test Questions: We want to give you the best practice you can find. That's why the Test Prep Books practice questions are as close as you can get to the actual test. Answer Explanations: Every single problem is followed by an answer explanation. We know it's frustrating to miss a question and not understand why. The answer explanations will help you learn from your mistakes. That way, you can avoid missing it again in the future. Test-Taking Strategies: A test taker has to understand the material that is being covered and be familiar with the latest test taking strategies. These strategies are necessary to properly use the time provided. They also help test takers complete the test without making any errors. Test Prep Books has provided the top test-taking tips. Customer Service: We love taking care of our test takers. We make sure that you interact with a real human being when you email your comments or concerns. Anyone planning to take this exam should take advantage of this Test Prep Books study guide. Purchase it today to receive access to: AP Chemistry review materials AP Chemistry practice questions Test-taking strategies

Make sure you're studying with the most up-to-date prep materials! Look for the newest edition of this title, Princeton Review AP Chemistry Premium Prep, 2021 (ISBN: 9780525569473, on-sale August 2020). Publisher's Note: Products purchased from third-party sellers are not guaranteed by the publisher for quality or authenticity, and may not include access to online tests or materials included with the original product.

The book itself contains chapter-length subject reviews on every subject tested on the AP Chemistry exam, as well as both sample multiple-choice and free-response questions at each chapter's end. Two full-length practice tests with detailed answer explanations are included in the book.

Provides test-taking tips and strategies, reviews topics on the test, and includes six full-length practice exams with answers and explanations. Provides techniques for achieving high scores on the AP chemistry exam and includes two full-length practice tests.

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MATCHES THE LATEST EXAM REQUIREMENTS! Get ready to ace your AP Chemistry Exam with this easy-to-follow, multi-platform study guide **5 Steps to a 5: AP Chemistry 2021 Elite Student Edition** introduces an effective five-step study plan to help you build the skills, knowledge, and test-taking confidence you need to achieve a high score on the exam. This popular test prep guide matches the latest course syllabus and includes online help, three full-length practice tests, detailed answers to each question, study tips, and important information on how the exam is scored. Because this guide is accessible in print and digital formats, you can study online, via your mobile device, straight from the book, or any combination of the three. With the "5 Minutes to a 5" section, you'll also get an extra AP curriculum activity for each school day to help reinforce the most important AP concepts. With only 5 minutes a day, you can dramatically increase your score on exam day! **5 Steps to a 5: AP Chemistry Elite Student Edition 2021** features: • 3 Practice Exams (both in the book + online) • "5 Minutes to a 5" section - 180 questions and activities reinforcing the most important AP concepts and presented in a day-to-day study format • Access to the entire Cross-Platform Prep Course in AP Chemistry 2021 • Hundreds of practice exercises with thorough answer explanations • Powerful analytics to assess test readiness • Flashcards, games, and more

Reviews all subjects covered on the exam, presents study and test-taking tips, and provides three diagnostic and three practice tests.

EVERYTHING YOU NEED TO HELP SCORE A PERFECT 5. Equip yourself to ace the AP Chemistry Exam with this comprehensive study guide—including 2 full-length practice tests, thorough content reviews, access to our AP Connect Online Portal, and targeted strategies for every section of the exam. Written by Princeton Review experts who know their way around chem, **Cracking the AP Chemistry Exam** will give you the help you need to get the score you want. This eBook edition is optimized for on-screen learning with cross-linked questions, answers, and explanations. **Techniques That Actually Work.** • Tried-and-true strategies to help you avoid traps and beat the test • Tips for pacing yourself and guessing logically • Essential tactics to help you work smarter, not harder **Everything You Need to Know to Help Achieve a High Score.** • Comprehensive content review for all test topics • Up-to-date information on the 2018 AP Chemistry Exam • Engaging activities to help you critically assess your progress • Access to AP Connect, our online portal for helpful pre-college information and exam updates **Practice Your Way to Excellence.** • 2 full-length practice tests with detailed answer explanations • Practice drills at the end of each content chapter • Review of important laboratory procedures and equipment

Get ready to ace your AP Chemistry Exam with this easy-to-follow, multi-platform study guide The immensely popular test prep guide has been updated and revised with new material and is now accessible in print, online and mobile formats. **5 Steps to a 5: AP Chemistry 2020** introduces an easy to follow, effective 5-step study plan to help you build the skills, knowledge, and test-taking confidence you need to reach your full potential. The book includes hundreds of practice exercises with thorough answer explanations and sample responses. You'll learn how to master the multiple-choice questions and achieve a higher score on this demanding exam. Because this guide is accessible in print and digital formats, you can study online, via your mobile device, straight from the book, or any combination of the three. This essential guide reflects the latest course syllabus and includes four full-length practice exams (2 in the book and 2 online), plus proven strategies specific to each section of the test. **5 Steps to a 5: AP Chemistry 2020** features: •4 Practice Exams (2 in the book + 2 online)•Access to the entire Cross-Platform Prep Course in AP Chemistry 2020•Hundreds of practice exercises with thorough answer explanations •Powerful analytics you can use to assess your test readiness•Flashcards, games, and more

MATCHES THE NEW EXAM! Get ready to ace your AP Chemistry Exam with this easy-to-follow, multi-platform study guide **Teacher-recommended and expert-reviewed** The immensely popular test prep guide has been updated and revised with new material and is now accessible in print, online and mobile formats. **5 Steps to a 5: AP Chemistry 2021** introduces an easy to follow, effective 5-step study plan to help you build the skills, knowledge, and test-taking confidence you need to reach your full potential. The book includes hundreds of practice exercises with thorough answer explanations and sample responses. You'll learn how to master the multiple-choice questions and achieve a higher score on this demanding exam. Because this guide is accessible in print and digital formats, you can study online, via your mobile device, straight from the book, or any combination of the three. This essential guide reflects the latest course syllabus and includes 4 full-length practice exams (2 in the book and 2 online), plus proven strategies specific to each section of the test. **5 Steps to a 5: AP Chemistry 2021** features: • 4 Practice Exams (2 in the book + 2 online) that match the latest exam requirements • Access to the entire Cross-Platform Prep Course in AP Chemistry 2021 • Hundreds of practice exercises with thorough answer explanations • Powerful analytics you can use to assess your test readiness • Flashcards, games, and more

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About the Author Adrian Dingle is a chemistry educator and author, with 24 years of experience teaching in the United States and the United Kingdom. He is the creator of the award-winning chemistry website, www.adriandingleschemistrypages.com. The focus of Mr. Dingle's teaching career has been on preparing students for standardized tests; AP® and SAT® tests in the United States, GCSE's and A levels in the United Kingdom, and International Baccalaureate in both countries. An Englishman, he lives in Atlanta, Georgia, where he teaches at The Westminster Schools. He holds a B.Sc. (Hons.) Chemistry, and a Postgraduate Certificate in Education, both from the University of Exeter in England. In addition to writing this Crash Course, Mr. Dingle has written *The Periodic Table: Elements With Style*, *How To Make A Universe With 92 Ingredients*, and *SAT™ Chemistry Crash Course*. He is the 2011 winner of the School Library Association of the UK's Information Book Award, and, in 2012, was honored with the prestigious literary prize *Wissenschaftsbuch des Jahre*, sponsored by the Austrian Ministry of Science and Research. Make sure you're studying with the most up-to-date prep materials! Look for *The Princeton Review's Cracking the AP Chemistry Exam 2020* (ISBN: 9780525568186 , on-sale August 2019). Publisher's Note: Products purchased from third-party sellers are not guaranteed by the publisher for quality or authenticity, and may not include access to online tests or materials included with the original product.

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