

Trigonometry Comp Test Study Guide

COMPASS(r) study guide, prepared by our dedicated team of exam experts, including practice test questions. Everything you need to pass the COMPASS(r)! Includes FREE ebook version suitable for iPad, any tablet or smartphone! Updated April 2014 More detailed explanations added, additional questions, minor typos fixed and lots more! Pass the COMPASS(r)! will help you: Increase your score with multiple choice strategies from exam experts Practice with 2 complete practice question sets (over 500 questions) Make an Accuplacer(r) study plan and study schedule Learn what you MUST do in the exam room Avoid common mistakes on a test Answer multiple choice questions strategically Updated with new content February 2013! 2 Sets of practice test questions including: Reading Comprehension Basic Math - Including Fractions Decimals Percent Word problems Algebra - Including One and Two Variable Equations Polynomial Operations Quadratics College Level Math - Including Cartesian and Coordinate Planes Trigonometry Sequences Logarithms How to write an essay Hundreds of pages of review and tutorials on all COMPASS(r) topics. Complete Test Preparation Inc. is not affiliate with the makers of the COMPASS(r) exam. COMPASS is a registered trademark of ACT Inc., who are not involved in the production of, and do not endorse this publication. Maybe you have read this kind of thing before, and maybe feel you don't need it, and you are not sure if you are going to buy this eBook. Remember though, it only a few percentage points divide the PASS from the FAIL students. Even if our test tips increase your score by a few percentage points, isn't that worth it? Why not do everything you can to get the best score on the COMPASS(r)?

Regents Success Strategies Algebra 2/Trigonometry helps you ace the Regents, without weeks and months of endless studying. Our comprehensive Regents Success Strategies Algebra 2/Trigonometry study guide is written by our exam experts, who painstakingly researched every topic and concept that you need to know to ace your test. Our original research reveals specific weaknesses that you can exploit to increase your exam score more than you've ever imagined. Regents Success Strategies Algebra 2/Trigonometry includes: The 5 Secret Keys to Regents Test Success: Time is Your Greatest Enemy, Guessing is Not Guesswork, Practice Smarter, Not Harder, Prepare, Don't Procrastinate, Test Yourself; Maximizing Your Preparation including: Test Taking Tips, Final Tips for Test Day; Along with a complete, in-depth study guide for your specific Regents Test, and much more...

ASSET(R) study guide, prepared by our dedicated team of exam experts, including practice test questions. Everything you need to pass the ASSET(R) Test! Includes FREE ebook version suitable for iPad, any tablet or smartphone! Pass the ASSET(R) Test! will help you: Increase your score with multiple choice strategies from exam experts Practice with 2 complete ASSET practice question sets (over 500 questions) Make an ASSET Test study plan and study schedule Answer multiple choice questions strategically 2 Sets of ASSET practice test questions including: Reading Comprehension Numerical skills Content Convert decimals, percent, and fractions Solve word problems Calculate percent and ratio Operations using fractions, percent and fractions Simple geometry and measurement Estimate answers Scientific Notation Square Roots Elementary Algebra Content Operations with polynomials Solving linear equations Linear equations with one and two variables Intermediate Algebra Content Inequalities Factoring Calculating slope and distance College Algebra Content Inequalities Factoring Complex Numbers Logarithms Trigonometry Exponential Functions Graphs of Polynomials Geometry Content Area, Volume and Perimeter Pythagorean Geometry Lines and Angles Writing Skills Content English grammar English usage Punctuation Sentence structure How to Write an Essay Hundreds of pages of review and tutorials on all ASSET(R) topics. ASSET(R) is a registered trademark of the ACT, who are not involved in the production of, and do not endorse this publication. Study When and Where You Want! The print version of our ASSET(R) Study Guide comes with a FREE ebook version suitable for any smartphone, iPhone, iPad or tablet, that you can immediately download after purchasing. You can practice your questions after working out at the anytime. Whenever you have those spare moments, you can consistently build your confidence. Practice Really Does Make Perfect! The more questions you see, the more likely you are to pass the test. And between our study guide and

practice tests, you'll have over 400 practice questions that cover every category. You can fine-tune your knowledge in areas where you feel comfortable and be more efficient in improving your problem areas. Our practice test questions have been developed by our dedicated team of experts. All the material in the study guide, including every practice question, are designed to engage your critical thinking skills needed to pass the test! Heard it all before? Maybe you have heard this kind of thing before, and don't feel you need it. Maybe you are not sure if you are going to buy this book. Remember though, it only a few percentage points divide the PASS from the FAIL students! Even if our test tips increase your score by a few percentage points, isn't that worth it?

From mathematical problem solving to reasoning and proof to use of technology, this comprehensive study guide provides you with the exact material that appears on the actual test. Aligned with current standards, it covers the subareas of Algebra and Number Theory; Measurement; Geometry; Trigonometry; Functions; Calculus; Data Analysis and Statistics; Probability; Matrix Algebra; and Discrete Mathematics. Once you've mastered the core content and competencies, prepare for the real exam with a 80-question practice test that identifies the corresponding skills and question rigor, and includes full answer rationales. Looking for an enhanced online study experience? This title is also available in XAMonline's IntelliGuide product, which provides you with the same comprehensive content, but features interactive study tools. IntelliGuide enables you to highlight text, take and print notes, search for specific content, and study pre-made eFlashcards or create your own. This interactive study guide also offers the 80-question test in a timed and scored format with the ability to pause the test and quickly review relevant content using the skill reference hyperlink. This technology product is available exclusively at xamonline.com.

Prep for Success ACT COMPASS Math Study Guide

PreACT Secrets Study Guide

College Math Multiple Choice Questions and Answers (MCQs)

A Comprehensive Review and Step-By-Step Guide to Preparing for the ALEKS Math

Pass the Compass! Complete Compass Study Guide and Practice Test Questions

Accuplacer Study Guide and Practice Test Questions

Complete COMPASS(r) study guide, prepared by our dedicated team of exam experts, including practice test questions. Everything you need to pass the COMPASS(r)! Includes FREE ebook version suitable for iPad, any tablet or smartphone! Pass the COMPASS(r)! will help you: Increase your score with COMPASS multiple choice strategies from exam experts Practice with 2 complete practice question sets (over 500 questions) Make an COMPASS(r) study plan and study schedule Learn what you MUST do in the exam room Avoid common mistakes on a test Answer COMPASS(r) multiple choice questions strategically Fully Updated March 2015! More detailed explanations added, additional questions, minor typos fixed and lots more! Extensive step-by-step solutions added with commentary for math and reading comprehension! Over 25 pages added! 2 Sets of COMPASS practice test questions including: - Reading Comprehension - Basic Math - Including Fractions Decimals Percent Word problems - Algebra - Including One and Two Variable Equations Polynomial Operations Quadratics - College Level Math - Including Cartesian and Coordinate Planes Trigonometry Sequences Logarithms - How to write an essay Hundreds of pages of review and tutorials on all COMPASS (r) topics. Complete Test Preparation Inc. is not affiliate with the makers of the COMPASS (r) exam. COMPASS (r) is a registered trademark of ACT Inc., who are not involved in the production of, and do not endorse this publication. Practice Really Does Make Perfect! The more questions you see, the more likely you are to pass the test. And between our study guide and practice tests, you'll have over 400 practice questions that cover every category. You can fine-tune your knowledge in areas where you feel comfortable and be more efficient in improving your problem areas. Our practice test questions have been developed by our dedicated team of experts. All the material in

the study guide, including every practice question, is designed to engage the critical thinking skills that are needed to pass the COMPASS Test. Maybe you have read this kind of thing before, and maybe feel you don't need it, and you are not sure if you are going to buy this book. Remember though, it only a few percentage points divide the PASS from the FAIL students. Even if our test tips increase your score by a few percentage points, isn't that worth it? Why not do everything you can to get the best score on th

Mometrix Test Preparation's ACCUPLACER Study Guide 2021-2022 - ACCUPLACER Test Prep Secrets is the ideal prep solution for anyone who wants to pass their ACCUPLACER Exam. The exam is extremely challenging, and thorough test preparation is essential for success. Our study guide includes: Practice test questions with detailed answer explanations Step-by-step video tutorials to help you master difficult concepts Tips and strategies to help you get your best test performance A complete review of all ACCUPLACER test sections Arithmetic and Elementary Algebra College-level Math Reading Comprehension Sentence Skills ACCUPLACER® is a trademark registered by the College Board, which is not affiliated with, and does not endorse, this product. The Mometrix guide is filled with the critical information you will need in order to do well on your ACCUPLACER exam: the concepts, procedures, principles, and vocabulary that the College Board expects you to have mastered before sitting for your exam. The Arithmetic and Elementary Algebra section covers: Numbers and their classifications Operations Factors and multiples Fractions, percentages, and related concepts Polynomial Algebra Solving quadratic equation The College-level Math section covers: Solving systems of equations Equations and graphing Functions Trigonometry Sequences and series The Reading Comprehension section covers: The Purposes of a Passage Writing devices Types of passages Main Ideas and Supporting Details Responding to a Passage Critical Thinking Skills Evaluating a Passage The Sentence Skills section covers: Sentence correction Construction shift Grammar Review Punctuation Improving Sequences and Paragraphs ...and much more! Our guide is full of specific and detailed information that will be key to passing your exam. Concepts and principles aren't simply named or described in passing, but are explained in detail. The Mometrix ACCUPLACER study guide is laid out in a logical and organized fashion so that one section naturally flows from the one preceding it. Because it's written with an eye for both technical accuracy and accessibility, you will not have to worry about getting lost in dense academic language. Any test prep guide is only as good as its practice questions and answer explanations, and that's another area where our guide stands out. The Mometrix test prep team has provided plenty of ACCUPLACER practice test questions to prepare you for what to expect on the actual exam. Each answer is explained in depth, in order to make the principles and reasoning behind it crystal clear. Many concepts include links to online review videos where you can watch our instructors break down the topics so the material can be quickly grasped. Examples are worked step-by-step so you see exactly what to do. We've helped hundreds of thousands of people pass standardized tests and achieve their education and career goals. We've done this by setting high standards for Mometrix Test Preparation guides, and our ACCUPLACER Study Guide 2021-2022 - ACCUPLACER Test Prep Secrets is no exception. It's an excellent investment in your future. Get the ACCUPLACER review you need to be successful on your exam.

"ACT Prep Flashcard Workbook 5: WORDS COMMONLY CONFUSED" Do you know the difference between "fewer" and "less," when to use "it's" or "its," or how to distinguish between "historical" and "historic" or "tortuous" and "torturous?" This course contains 500 pairs of commonly confused words, some so frequently misused that their wrong application has become

acceptable to many ears. Includes part of speech, pronunciation, simple definition, and usage example. Mastering the differences will improve your written grammar, verbal communication, and most importantly, your ACT test score! [=====] ADDITIONAL WORKBOOKS: "ACT Prep Flashcard Workbook 2: VOCABULARY-Intermediate" 500 frequently tested ACT words every high school student should know. Perfect for anyone who wants to enrich their vocabulary! Improve your reading comprehension and conversation. Includes sample sentence, part of speech, pronunciation, succinct, easy-to-remember definition, and common synonyms and antonyms. _____ "ACT Prep Flashcard Workbook 9: ALGEBRA 2-TRIGONOMETRY" 500 questions and answers that focus on essential advanced algebra and trigonometry concepts. (ILLUSTRATED) Linear Equations, Quadratics, Conic Sections, Logarithms, Trig. Functions, Sequence and Series

===== "EXAMBUSTERS ACT Prep Workbooks" provide comprehensive, fundamental ACT review--one fact at a time--to prepare students to take practice ACT tests. Each ACT study guide focuses on one specific subject area covered on the ACT exam. From 300 to 600 questions and answers, each volume in the ACT series is a quick and easy, focused read. Reviewing ACT flash cards is the first step toward more confident ACT preparation and ultimately, higher ACT exam scores!

Includes 1 diagnostic exam plus 2 additional practice tests. Identify your weak areas to ensure your success. The COMPASS math exam is a computer adaptive test that can be very challenging. Topics range from basic algebra and arithmetic to trigonometry and discrete math. Exam content can vary as each post-secondary institution customizes the test to suit their placement testing needs. But you can avoid having to take remedial classes, saving time and money, by doing well on the exam so it is important to equip yourself with the right study guide. The Prep For Success COMPASS Math Study Guide explains every concept in detail so whether you're just out of high school or returning to college after a lengthy hiatus, our guide is the right fit. Every chapter is filled with explained examples followed by practice exercise at the end. So that you can study only the sections used on the COMPASS at your institution, our math study guide is divided into 6 sections as follows: - Section 1 - Pre-Algebra - Section 2 - Algebra - Section 3 - College Algebra, Discrete Math & Matrices - Section 4 - Geometry - Section 5 - Trigonometry - Section 6 - Practice Tests At the end of every section, test your skills with review questions to ensure you have mastered the skills learned before moving on to another section. Two comprehensive practice exams at the end of the book help you prepare for the exam by identifying any lingering weak areas. For most students, math doesn't end with the practice test so rather than simply providing a series of typical exam questions, our goal is to teach you the concepts so that you are prepared for your other college math courses and attain the skills you need to succeed in your college career. Education is the key to success and our Prep For Success: COMPASS Math Study Guide is the right choice to ensure that success!

The Best Test Preparation for the SAT II, Subject Test

Pass the Accuplacer! Accuplacer Study Guide and Practice Test Questions

Study Guide BCA 2021

Asset(r) Exam Study Guide and Practice Test Questions

Algebra and Trigonometry Super Review

ACT Test Prep Arithmetic Review--Exambusters Flash Cards--Workbook 6 of 13

Mometrix Test Preparation's PreACT Secrets Study Guide is the ideal prep solution for anyone who wants to pass their PreACT Exam. The exam is extremely challenging, and thorough test preparation is essential

for success. Our study guide includes: Practice test questions with detailed answer explanations Step-by-step video tutorials to help you master difficult concepts Tips and strategies to help you get your best test performance A complete review of all PreACT test sections English Test Math Test Reading Test Science Reasoning Test Writing Test Mometrix Test Preparation is not affiliated with or endorsed by any official testing organization. All organizational and test names are trademarks of their respective owners. The Mometrix guide is filled with the critical information you will need in order to do well on your PreACT exam: the concepts, procedures, principles, and vocabulary that the ACT, Inc. expects you to have mastered before sitting for your exam. The English Test section covers: Parallelism Grammar Type Punctuation Tense Added Phrases and Word Confusion Commas, Hyphens, Semicolons Parentheses, Colon, Apostrophes The Math Test section covers: Pre-Algebra Algebra Geometry Trigonometry The Reading Test section covers: Comprehension Skills Purposes for Writing Types of Passages Responding to Literature Literary Genres The Science Reasoning Test section covers: Four Types of Passages Four Types of Questions Answer Choice Elimination Techniques Time Management Highly Technical Questions Experiment Passages The Writing Test section covers: Brainstorm Strength through Diversity Pick a Main Idea Create a Logical Flow Check Your Work ...and much more Our guide is full of specific and detailed information that will be key to passing your exam. Concepts and principles aren't simply named or described in passing, but are explained in detail. The Mometrix PreACT study guide is laid out in a logical and organized fashion so that one section naturally flows from the one preceding it. Because it's written with an eye for both technical accuracy and accessibility, you will not have to worry about getting lost in dense academic language. Any test prep guide is only as good as its practice questions and answer explanations, and that's another area where our guide stands out. The Mometrix test prep team has provided plenty of PreACT practice test questions to prepare you for what to expect on the actual exam. Each answer is explained in depth, in order to make the principles and reasoning behind it crystal clear. Many concepts include links to online review videos where you can watch our instructors break down the topics so the material can be quickly grasped. Examples are worked step-by-step so you see exactly what to do. We've helped hundreds of thousands of people pass standardized tests and achieve their education and career goals. We've done this by setting high standards for Mometrix Test Preparation guides, and our PreACT Secrets Study Guide is no exception. It's an excellent investment in your future. Get the PreACT review you need to be successful on your exam. Master the SAT II Math Level IC Subject Test and score higher... Our

test experts show you the right way to prepare for this important college exam. REA's SAT II Math Level IC test prep covers all Math Level IC topics to appear on the actual exam including in-depth coverage of geometry, trigonometry, algebraic laws, and more. The book features 6 full-length practice SAT II Math Level IC exams. Each practice exam question is fully explained to help you better understand the subject material. Follow up your study with REA's proven test-taking strategies, powerhouse drills and study schedule that get you ready for test day.

DETAILS - Comprehensive review of every Math Level IC topic to appear on the SAT II subject test - Flexible study schedule tailored to your needs - Packed with proven test tips, strategies and advice to help you master the test - 6 full-length practice SAT II Math Level IC Subject tests. Each test question is answered in complete detail with easy-to-follow, easy-to-grasp explanations. TABLE OF CONTENTS

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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.

CHAPTER 1 - ABOUT THE SAT II: MATH LEVEL IC SUBJECT TEST

ABOUT THIS BOOK

This book provides you with an accurate and complete representation of the SAT II: Math Level IC Subject Test. Inside you will find a complete course review designed to provide you with the information and strategies needed to do well on the exam, as well as six practice tests based on the actual exam. The practice tests contain every type of question that you can expect to appear on the SAT II: Math Level IC Subject Test. Following each test you will find an answer key with detailed explanations designed to help you master the test material.

ABOUT THE TEST

Who Takes the Test and What Is It Used For?

Students planning to attend college take the SAT II: Math Level IC Subject Test for one of two reasons: (1) Because it is an admission requirement of the college or university to which they are applying; OR (2) To demonstrate proficiency in Mathematics. The SAT II: Math Level IC exam is designed for students who have taken more than three years of college preparatory mathematics (two years of algebra and one year of geometry).

Who Administers The Test?

The SAT II: Math Level IC Subject Test is developed by the College Board and administered by Educational Testing Service (ETS). The test development process involves the assistance of educators throughout the country, and is designed and implemented to ensure that the content and difficulty level of the test are appropriate.

When Should the SAT II: Math Level IC be Taken?

If you are applying to a college that requires Subject Test scores as part of the admissions process, you should take the SAT II: Math Level IC Subject Test by November or January of your senior year. If your scores are being used only for placement purposes, you may be able to take the test in the spring. For more information, be sure to contact the colleges to which you are applying.

When and Where is the Test Given?

The SAT II: Math Level IC Subject Test is administered five

times a year at many locations throughout the country; mostly high schools. The test is given in November, December, January, May, and June. To receive information on upcoming administrations of the exam, consult the publication *Taking the SAT II: Subject Tests*, which may be obtained from your guidance counselor or by contacting: College Board SAT Program P.O. Box 6200 Princeton, NJ 08541-6200 Phone: (609) 771-7600 Website: <http://www.collegeboard.com> Is There a Registration Fee? You must pay a registration fee to take the SAT II: Math Level IC. Consult the publication *Taking the SAT II: Subject Tests* for information on the fee structure. Financial assistance may be granted in certain situations. To find out if you qualify and to register for assistance, contact your academic advisor. What Kind of Calculator Can I Use? Your calculator should be, at the minimum, a scientific calculator. It can be programmable or non-programmable. Bear in mind, however, that for perhaps 60 percent of the test items, the calculator will afford you no advantage and, moreover, may actually work against you. No pocket organizers, hand-held minicomputers, paper tape, or noisy calculators may be used. In addition, no calculator requiring an external power source will be allowed. Finally, no sharing of calculators will be permitted - you must bring your own. Make sure you are thoroughly familiar with the operation of your calculator before the test. Your performance on the test could suffer if you spend too much time searching for the correct function on your calculator. HOW TO USE THIS BOOK What Do I Study First? Remember that the SAT II: Math Level IC Subject Test is designed to test knowledge that has been acquired throughout your education. Therefore, the best way to prepare for the exam is to refresh yourself by thoroughly studying our review material and taking the sample tests provided in this book. They will familiarize you with the types of questions, directions, and format of the SAT II: Math Level IC Subject Test. To begin your studies, read over the review and the suggestions for test-taking, take one of the practice tests to determine your area(s) of weakness, and then restudy the review material, focusing on your specific problem areas. The course review includes the information you need to know when taking the exam. Be sure to take the remaining practice tests to further test yourself and become familiar with the format of the SAT II: Math Level IC Subject Test. When Should I Start Studying? It is never too early to start studying for the SAT II: Math Level IC test. The earlier you begin, the more time you will have to sharpen your skills. Do not procrastinate! Cramming is not an effective way to study, since it does not allow you the time needed to learn the test material. The sooner you learn the format of the exam, the more comfortable you will be when you take the exam. FORMAT OF THE SAT II: MATH LEVEL IC The SAT II: Math Level IC is a one-hour exam

consisting of 50 multiple-choice questions. Material Tested The follo
Includes Practice Test Questions OAT Secrets helps you ace the
Optometry Admission Test, without weeks and months of endless
studying. Our comprehensive OAT Secrets study guide is written by our
exam experts, who painstakingly researched every topic and concept
that you need to know to ace your test. Our original research reveals
specific weaknesses that you can exploit to increase your exam score
more than you've ever imagined. OAT Secrets includes: The 5 Secret
Keys to OAT Success: Time is Your Greatest Enemy, Guessing is Not
Guesswork, Practice Smarter, Not Harder, Prepare, Don't Procrastinate,
Test Yourself; A comprehensive Natural Sciences & Physics review
including: Milking the Questions, Weeding Out Answers, Avoiding
Technicalities, Using Provided Descriptions, Backtracking for Units,
Avoiding Pitfalls, Understanding the Passage, Maintaining the Pace,
Making Bizarre Decisions; A comprehensive Quantitative Reasoning
review including: The Easiest Math Review You'll Ever Read, Solving for
Variables, Breezing Through Word Problems, Keeping Probability Simple,
Using the Right Formulas, Graphing for Success, Racing Through Ratios,
Understanding Line Plotting, Mastering Difficult Problems; A detailed
Reading Comprehension review including: Determining the Relationships,
Making Strategic Eliminations, Recognizing Switchback Words,
Understanding Word Types, Finding the Right Opportunities, When Truth
Doesn't Equal Correctness, Avoiding the Trap of Familiarity, Making
Logic Work for You, Skimming Techniques to Save Time, and much
more...

"SAT MATH LEVEL II Prep Flashcard Workbook 2 of 2: ALGEBRA
2-TRIGONOMETRY" 500 questions and answers (ILLUSTRATED) that
focus on essential advanced algebra and trigonometry concepts. Includes
complementary diagrams. Essential definitions, formulas, and sample
problems. Topics: Exponents and Radicals, Absolute Values and
Inequalities, Polynomials, Linear Equations, Quadratic Equations, Conic
Sections, Logarithms, Angles, Trigonometric Functions and Identities,
Oblique Triangles, Complex and Imaginary Numbers, Area and Volume,
Sequences and Series [=====] ADDITIONAL
WORKBOOKS: "SAT MATH LEVEL II Prep Flashcard Workbook 1 of 2:
ALGEBRA REVIEW" 450 questions and answers. Essential definitions,
formulas, concepts, and sample problems. Topics: Sets, Variables,
Exponents, Properties of Numbers, Like Terms, Simple Equations,
Property of Equality, Signed Numbers, Monomials, Polynomials,
Advanced Equations, Verbal Problems, Factoring Polynomials, Algebraic
Fractions, Equations with Several Variables, Advanced Verbal Problems,
Evaluating Formulas, Simultaneous Equations, Ratio and Proportion,
Variation, Quadratic Equations and Radicals, Coordinate Geometry

===== "EXAMBUSTERS SAT II Prep Workbooks" provide comprehensive SAT II review--one fact at a time--to prepare students to take practice SAT II tests. Each SAT II study guide focuses on fundamental concepts and definitions--a basic overview to begin studying for the SAT II exam. Up to 600 questions and answers, each volume in the SAT II series is a quick and easy, focused read. Reviewing SAT II flash cards is the first step toward more confident SAT II preparation and ultimately, higher SAT II exam scores!

PreACT Test Review for the PreACT Exam
ACT Exam Study Guide

PSAT/NMSQT Study Guide, 2023: 4 Practice Tests + Comprehensive Review + Online Practice

Barron's ACT Study Guide Premium, 2023: 6 Practice Tests + Comprehensive Review + Online Practice

Praxis II Mathematics 0061 Teacher Certification Study Guide Test Prep
TEXES MATHEMATICS 7-12 TEST PR

Mometrix Test Preparation's ACT Prep Book: ACT Secrets Study Guide is the ideal prep solution for anyone who wants to pass their ACT Test. The exam is extremely challenging, and thorough test preparation is essential for success. Our study guide includes: Practice test questions with detailed answer explanations Step-by-step video tutorials to help you master difficult concepts Tips and strategies to help you get your best test performance A complete review of all ACT test sections English Test Math Test Reading Test Science Reasoning Test Writing Test ACT(R) is the registered trademark of ACT, Inc. Mometrix Test Preparation has no affiliation with ACT, Inc., and this product is not approved or endorsed by ACT, Inc. The Mometrix guide is filled with the critical information you will need in order to do well on your ACT exam: the concepts, procedures, principles, and vocabulary that the ACT, Inc. expects you to have mastered before sitting for your exam. The English Test section covers: Parallelism Grammar Type Punctuation Tense Added Phrases and Word Confusion Commas, Hyphens, Semicolons Parentheses, Colon, Apostrophes The Math Test section covers: Pre-Algebra Algebra Geometry Trigonometry The Reading Test section covers: Comprehension Skills Purposes for Writing Types of Passages Responding to Literature Literary Genres The Science Reasoning Test section covers: Four Types of Passages Four Types of Questions Answer Choice Elimination Techniques Time Management Highly Technical Questions Experiment Passages The Writing Test section

covers: Brainstorm Strength through Diversity Pick a Main Idea Create a Logical Flow Check Your Work ...and much more Our guide is full of specific and detailed information that will be key to passing your exam. Concepts and principles aren't simply named or described in passing, but are explained in detail. The Mometrix ACT study guide is laid out in a logical and organized fashion so that one section naturally flows from the one preceding it. Because it's written with an eye for both technical accuracy and accessibility, you will not have to worry about getting lost in dense academic language. Any test prep guide is only as good as its practice questions and answer explanations, and that's another area where our guide stands out. The Mometrix test prep team has provided plenty of ACT practice test questions to prepare you for what to expect on the actual exam. Each answer is explained in depth, in order to make the principles and reasoning behind it crystal clear. Many concepts include links to online review videos where you can watch our instructors break down the topics so the material can be quickly grasped. Examples are worked step-by-step so you see exactly what to do. We've helped hundreds of thousands of people pass standardized tests and achieve their education and career goals. We've done this by setting high standards for Mometrix Test Preparation guides, and our ACT Prep Book: ACT Secrets Study Guide is no exception. It's an excellent investment in your future. Get the ACT review you need to be successful on your exam.

Kaplan Test Prep is the Official Partner for Live, Online Prep for the ACT. For more information visit kaptest.com/onlinepreplive Kaplan's comprehensive ACT program provides proven test-taking strategies, realistic practice tests, in-depth guided practice, video tutorials, and access to an online center so that you can score higher on the ACT. College becomes more competitive and costly each year, making a high score on the ACT essential. A high ACT score sets you apart from the competition and opens up scholarship opportunities. Kaplan understands how important it is for you to do well on the ACT and make your college dreams a reality. In fact, we help more than 95% of our students get into their top-choice school every year, and we want to help you! ACT Premier 2016-2017 is a unique resource that covers every concept on the test, and provides you with the additional practice you need both in the book

and online. This comprehensive study guide includes: *

- Realistic Practice: eight full-length practice tests with detailed answer explanations: 3 in the book, 5 online *
- Online Center: online practice tests, quizzes, and videos to help guide your study. *
- SmartPoints: a Kaplan-exclusive strategy that identifies the most popular topics and question types on the exam, allowing you to focus your time appropriately and earn the most points on Test Day. *
- Scoring and Analysis for 1 Official ACT Test. *
- Perfect Score Tips: advice and strategies from students who got a perfect score and top ACT instructors. *
- Video Tutorials: Kaplan's best tutors review the most important concepts in short video tutorials. When you study with ACT Premier 2016-2017, you will score higher on Test Day.

Barron's ACT Premium Study Guide 2023 provides online practice, customizable study plans, and expert advice from experienced teachers who know the test. Step-by-step review helps you master the content, and full-length practice tests in the book and online provide a realistic testing experience so you're prepared for the exam. This edition includes: Four full-length practice tests in the book, including a diagnostic test Two full-length online practice tests Easy, medium, and hard practice passages that enable you to customize your study Study plan recommendations based on the amount of time you have to prepare Extensive subject reviews that cover all parts of the ACT: English, math, reading, science, and the writing test Detailed overview of the ACT with comprehensive answers to frequently asked questions Advice on optimizing the test-taking mindset and managing test anxiety Proven test-taking strategies for students of all ability levels

Barron's ACT Study Guide with 4 Practice Tests provides realistic practice and expert advice from experienced teachers who know the test. Step-by-step subject review helps you master the content, and full-length practice tests provide realistic text experience to get you prepared for the exam. United States, US territories, and Puerto Rico: Testing will resume in 2020 and 2021. Current test dates are December 12, 2020, February 06, 2021, April 17, 2021, June 12, 2021, and July 17, 2021. International test dates for December 2020 and February 2021 have been canceled. This edition includes: Three full-length practice tests One full-length diagnostic test with guidance on how to use your

results to determine the subjects you need to study more
Easy, medium, and hard practice passages that enable you to
customize your study Study plan recommendations based on the
amount of time you have to prepare Extensive subject reviews
that cover all parts of the ACT: English, math, reading,
science, and the writing test Detailed overview of the ACT
with comprehensive answers to frequently asked questions
Advice on optimizing the test-taking mindset and managing
test anxiety Proven test-taking strategies for students of
all ability levels

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2021 Exam Update): 7 Practice Tests + Comprehensive Review +
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Questions

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Admission Test

MTEL MATHEMATICS (09) SG

CLEP General Exam

with 6 practice tests

A preparation guide to the 2023 PSAT/NMSQT that covers relevant topics, with a diagnostic test,
and four full-length practice tests.

Cirrus Test Prep's TExES Mathematics 7-12 Test Prep Study Guide: TExEs Math (235) Exam Prep
with Practice Test Questions includes: A comprehensive REVIEW of: Numbers and Operations
Types of Numbers Scientific Notation Positive and Negative Numbers Order of Operations Units of
Measurement Decimals and Fractions Rounding and Estimation Factorials Ratios Percentages
Comparison of Rational Numbers Exponents and Radicals Matrices Sequences and Series Algebra
Algebraic Expressions Operations with Expressions Linear Equations Quadratic Equations and
Inequalities Absolute Value Equations and Inequalities Functions Exponential and Logarithmic
Functions Polynomial Functions Rational Functions Radical Functions Modeling Relationships
Trigonometry Conic Sections Other Coordinate Systems Geometry Equality, Congruence, and
Similarity Properties of Shapes Three-Dimensional Solids Transformations of Geometric Figures
Triangle Congruence and Similarity Coordinate Geometry Geometric Proofs Constructions of
Geometric Figures Statistics Describing Sets of Data Graphs, Charts, and Tables Logic and
Probability Logic and Set Theory Probability Probability Distributions and Expected Value Calculus
Limits Derivatives Applications of Derivative Integrals Applications of Integrals ...as well as TWO
FULL TExES math practice tests.

"ACT Prep Flashcard Workbook 6: ARITHMETIC REVIEW" 600 questions and answers highlight
essential arithmetic definitions, problems, and concepts. Topics: Addition, Subtraction,
Multiplication, and Division of Whole Numbers; Fractions and Decimals, Multiplication Tables,
Word Problems, Percents, Measurement, Metric System, Square Roots and Powers, Real Numbers,
Properties of Numbers [=====] ADDITIONAL WORKBOOKS: "ACT Prep
Flashcard Workbook 2: VOCABULARY-Intermediate" 500 frequently tested ACT words every
high school student should know. Perfect for anyone who wants to enrich their vocabulary! Improve
your reading comprehension and conversation. Includes sample sentence, part of speech,

pronunciation, succinct, easy-to-remember definition, and common synonyms and antonyms.

_____ "ACT Prep Flashcard Workbook 9: ALGEBRA 2-TRIGONOMETRY" 500 questions and answers that focus on essential advanced algebra and trigonometry concepts.

(Illustrated) Topics: Linear Equations, Quadratics, Conic Sections, Logarithms, Trig. Functions, Sequence and Series ===== "EXAMBUSTERS ACT Prep Workbooks"

provide comprehensive, fundamental ACT review--one fact at a time--to prepare students to take practice ACT tests. Each ACT study guide focuses on one specific subject area covered on the ACT exam. From 300 to 600 questions and answers, each volume in the ACT series is a quick and easy, focused read. Reviewing ACT flash cards is the first step toward more confident ACT preparation and ultimately, higher ACT exam scores!

APEX Test Prep's ACCUPLACER Study Guide 2022-2023: ACCUPLACER Math, Reading, Writing, and Essay Prep with Practice Test Questions for the College Board Exam [4th Edition] Preparing for your test shouldn't be harder than the test itself. To that end, our APEX Test Prep team packs our guides with everything you need. This includes testing tips, straightforward instruction, comprehensive material, practice questions, and detailed answer explanations. All these are used to help study for the ACCUPLACER exam. We want you to succeed. Get our APEX Test Prep ACCUPLACER study guide to get: Test-Taking Tips: We can help reduce your test anxiety. You can pass with confidence. Introduction Get a thorough breakdown of what the test is and what's on it! Detailed Review, Practice Questions, and Answer Explanations for the following subjects:

Arithmetic: Whole Number Operations, Fraction Operations, Decimal Operations, Percent, and Number Comparisons and Equivalents Quantitative Reasoning, Algebra, and Statistics: Rational Numbers, Ratio and Proportional Relationships, Exponents, Algebraic Expressions, Linear Equations, Linear Applications and Graphs, Probability Sets, Descriptive Statistics, and Geometry Concepts Advanced Algebra and Functions: Linear Equations, Linear Applications and Graphs, Factoring, Quadratics, Factoring, Radical and Rational Equations, Polynomial Equations, Exponential and Logarithmic Equations, and Trigonometry Reading: Information and Ideas, Rhetoric, Synthesis, and Vocabulary Writing: Expression of Ideas, and Standard English Conventions Write Placer: Writing Prompt Straightforward Instruction: APEX Test Prep's ACCUPLACER material is easy to understand. We also have information about the test itself. This includes time limits and registration details. Comprehensive Material: Our APEX Test Prep team has all the information that could be on your exam in this guide. You'll be prepared for any question. ACCUPLACER Practice Test Questions: Test out your skills. The questions written by APEX Test Prep are as close as possible to the actual test. You're training with the pros! Detailed Answer Explanations: Every practice test comes with an in-depth answer key. Miss a question? Don't know why? These APEX Test Prep explanations show you where you went wrong. Now, you can avoid making the same mistake on the actual exam. Disclaimer: *ACCUPLACER(R) is a trademark registered by the College Board, which is not affiliated with, and does not endorse, this product. Get the experts of APEX Test Prep on your side. Don't miss out on this top-notch guide. Life is difficult. Test prep doesn't have to be.

ACT Secrets Study Guide: Complete Review, Practice Test, Video Tutorials for the ACT Test Test Prep Secret + Practice Question + Video Tutorials (New Edition) ALEKS Math Study Guide 2020 - 2021 Complete Guide to the MCAT Medical College Admission Test Comprehensive Study Guide Physical Sciences; Biological Sciences; Verbal Reasoning MCAT Complete; Medical College Admission Test Comprehensive Study Guide Physical Sciences; Biological Sciences; Verbal Reasoning

ACT Secrets Study Guide: Complete Review, Practice Test, Video Tutorials for the ACT Test Test Prep Secret + Practice Question + Video Tutorials (New Edition) ALEKS Math Study Guide 2020 - 2021 Complete Guide to the MCAT Medical College Admission Test Comprehensive Study Guide Physical Sciences; Biological Sciences; Verbal Reasoning MCAT Complete; Medical College Admission Test Comprehensive Study Guide Physical Sciences; Biological Sciences; Verbal Reasoning

ACT Secrets Study Guide: Complete Review, Practice Test, Video Tutorials for the ACT Test Test Prep Secret + Practice Question + Video Tutorials (New Edition) ALEKS Math Study Guide 2020 - 2021 Complete Guide to the MCAT Medical College Admission Test Comprehensive Study Guide Physical Sciences; Biological Sciences; Verbal Reasoning MCAT Complete; Medical College Admission Test Comprehensive Study Guide Physical Sciences; Biological Sciences; Verbal Reasoning

ACT Secrets Study Guide: Complete Review, Practice Test, Video Tutorials for the ACT Test Test Prep Secret + Practice Question + Video Tutorials (New Edition) ALEKS Math Study Guide 2020 - 2021 Complete Guide to the MCAT Medical College Admission Test Comprehensive Study Guide Physical Sciences; Biological Sciences; Verbal Reasoning MCAT Complete; Medical College Admission Test Comprehensive Study Guide Physical Sciences; Biological Sciences; Verbal Reasoning

ACT Secrets Study Guide: Complete Review, Practice Test, Video Tutorials for the ACT Test Test Prep Secret + Practice Question + Video Tutorials (New Edition) ALEKS Math Study Guide 2020 - 2021 Complete Guide to the MCAT Medical College Admission Test Comprehensive Study Guide Physical Sciences; Biological Sciences; Verbal Reasoning MCAT Complete; Medical College Admission Test Comprehensive Study Guide Physical Sciences; Biological Sciences; Verbal Reasoning

ACT Prep Book 2020 and 2021 - ACT Test Prep Secrets Study Guide, Practice Test Book, Includes Step-By-Step Review Video Tutorials: [3rd Edition]

Barron's ACT Premium Study Guide with 6 Practice Tests provides online practice, customizable study plans, and expert advice from experienced teachers who know the test. Step-by-step review helps you master the content, and full-length practice tests in the book and online provide realistic test experience so you're prepared for the exam. This edition includes: Three full-length practice tests in the book Two full-length online practice tests One full-length diagnostic test in the book with guidance on how to use your results to determine the subjects you need to study more Easy, medium, and hard practice passages that enable you to customize your study Study plan recommendations based on the amount of time you have to prepare Extensive subject reviews that cover all parts of the ACT: English, math, reading, science, and the writing test Detailed overview of the ACT with comprehensive answers to frequently asked questions Advice on optimizing the test-taking mindset and managing test anxiety Proven test-taking strategies for students of all ability levels

Barron's PSAT/NMSQT Study Guide Premium, includes everything you need to be prepared for exam day with comprehensive review and practice from experienced educators. This edition also includes the most up-to-date information on the new digital exam to be administered in the US in fall 2023. All the Review You Need to Be Prepared An expert overview of the PSAT/NMSQT, including answers to frequently asked questions, advice on curbing test anxiety, and information about the National Merit Scholarship program In-depth subject review covering all sections of the test: Reading, Writing and Language, and Math Tips and strategies throughout from the author--an experienced tutor and test prep professional Practice with Confidence 4 full-length practice tests--3 in the book and 1 online--including 1 diagnostic test to assess your skills and target your studying Review chapters contain additional practice questions on each subject All practice questions include detailed answer explanations Online Practice 1 full-length practice test online with a timed test option to simulate the exam experience Detailed answer explanations included with expert advice Scoring to check your learning progress An online vocabulary appendix for extra review

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NYSTCE MATHEMATICS CST (004) Includes CD with timed practice tests, instant scoring, and more. For New York State Licensure Are you prepared to excel on the NYSTCE? * Get to know the test, how it is scored, and much more. * Set up a study schedule by following our flexible, results-driven timeline * Take the diagnostic self-assessment test to discover what you know and what you should know * Use REA's advice to ready yourself for proper study and success Sharpen your knowledge and skills * The book's comprehensive review features coverage of all required subareas: Mathematical Reasoning and Communication; Algebra; Trigonometry and Calculus; Measurement and Geometry; Data Analysis, Probability, Statistics, and Discrete Mathematics; and Algebra Constructed-Response Assignment * Lessons reinforce necessary skills * Key tutorials enhance specific abilities needed on the test * Targeted drills increase comprehension and help organize study Practice for real * Create the closest experience to test-day conditions with the book's two full-length practice tests on REA's TESTware CD, featuring test-taking against the clock, instant scoring by topic, handy mark-and-return function, pause function, and more * OR choose paper-and-pencil testing at your own pace * Chart your progress with full and detailed explanations of all answers * Boost your confidence with test-taking strategies and experienced advice Get to the head of the class! Get certified! REA books and software have proven to be the extra support teacher candidates need to pass their challenging test for state licensure. Our comprehensive study guides are teacher-recommended and written by educators who have mastered the test and the related program of study.

"ACT Prep Flashcard Workbook 8: GEOMETRY" 450 questions and answers (ILLUSTRATED) that focus on essential geometry theorems, postulates, concepts, and definitions. Includes complementary diagrams. Topics: Lines and Angles, Triangles, Proofs, Perpendicular Lines, Parallel Lines, Angle Sums, Quadrilaterals, Medians, Altitudes and Bisectors, Circles, Ratio and Proportion, Similar Polygons, Circles and Regular Polygons, Coordinate Geometry

[=====] ADDITIONAL WORKBOOKS: "ACT Prep Flashcard Workbook 5: WORDS COMMONLY CONFUSED" Do you know the difference between "fewer" and "less," when to use "it's" or "its," or how to distinguish between "historical" and "historic" or "tortuous" and "torturous?" This course contains 500 pairs of commonly confused words, some so frequently misused that their wrong application has become acceptable to many ears. Includes part of speech, pronunciation, simple definition, and usage example. Mastering the differences will improve your written grammar, verbal communication, and most importantly, your ACT test score!

_____ "ACT Prep Flashcard Workbook 9: ALGEBRA 2-TRIGONOMETRY" 500 questions and answers that focus on essential advanced algebra and trigonometry concepts.

(ILLUSTRATED) Topics: Linear Equations, Quadratics, Conic Sections, Logarithms, Trig.

Functions, Sequence and Series ===== "EXAMBUSTERS ACT Prep Workbooks" provide comprehensive, fundamental ACT review--one fact at a time--to prepare students to take practice ACT tests. Each ACT study guide focuses on one specific subject area covered on the ACT exam. From 300 to 600 questions and answers, each volume in the ACT series is a quick and easy, focused read. Reviewing ACT flash cards is the first step toward more confident ACT preparation and ultimately, higher ACT exam scores!

ACT Test Prep Intermediate Vocabulary Review--Exambusters Flash Cards--Workbook 2 of 13
ACCUPLACER Study Guide 2021-2022

SAT Math Level II Test Prep Review--Exambusters Algebra 2-Trig Flash Cards--Workbook 2 of 2
ACCUPLACER Study Guide 2022-2023: ACCUPLACER Math, Reading, Writing, and Essay Prep with Practice Test Questions for the College Board Exam [4th Editi

ACT Premier 2016-2017 with 8 Practice Tests

SAT Math Level II Test Prep Review--Exambusters Algebra 1 Flash Cards--Workbook 1 of 2

"ACT Prep Flashcard Workbook 2: VOCABULARY-Intermediate" 500 frequently tested ACT words every high school student should know. Perfect for anyone who wants to enrich their vocabulary! Improve your reading comprehension and conversation. Includes sample sentence, part of speech, pronunciation, succinct, easy-to-remember definition, and common synonyms and antonyms. [=====] ADDITIONAL

WORKBOOKS: "ACT Prep Flashcard Workbook 7: ALGEBRA" 450 questions and answers that highlight introductory algebra definitions, problems, and concepts. Topics: Algebraic Concepts, Sets, Variables, Exponents, Properties of Numbers, Simple Equations, Signed Numbers, Monomials, Polynomials, Additive and Multiplicative Inverse, Word Problems, Prime Numbers, Factoring, Algebraic Fractions, Ratio and Proportion, Variation, Radicals, Quadratic Equations _____

"ACT Prep Flashcard Workbook 9: ALGEBRA 2-TRIGONOMETRY" 500 questions and answers that focus on essential advanced algebra and trigonometry concepts. (ILLUSTRATED) Topics: Linear Equations, Quadratics, Conic Sections, Logarithms, Trig. Functions, Sequence and Series

===== "EXAMBUSTERS ACT Prep Workbooks" provide comprehensive, fundamental ACT review--one fact at a time--to prepare students to take practice ACT tests. Each ACT study guide focuses on one specific subject area covered

on the ACT exam. From 300 to 600 questions and answers, each volume in the ACT series is a quick and easy, focused read. Reviewing ACT flash cards is the first step toward more confident ACT preparation and ultimately, higher ACT exam scores!

Get those CLEP college credits you deserve! Our CLEP test experts show you the way to master the exam and get the score that gets you college credit. This newly released edition of CLEP General Exams is both an ideal study guide and test prep with a comprehensive course review that covers all 5 topics of the CLEP General Exams series: English composition, humanities, college mathematics, natural sciences, and social sciences and history. Follow up your study with REA's test-taking strategies, powerhouse drills, and study schedule that get you ready for test day. DETAILS - Written to be the definitive, easy-to-understand study guide and test prep for anyone seeking college credit through the CLEP program - Comprehensive and up-to-date course review covering every topic to be found in the entire CLEP General Exams series - Packed with proven exam tips, insights and advice - Study schedule tailored to your needs - Bonus Periodic Table of Elements included TABLE OF CONTENTS About Research & Education Association CLEP General CBT Independent Study Schedule CHAPTER 1: PASSING THE CLEP GENERAL CBTS About this Book About the CLEP General CBTS How to Use this Book Format of the CLEP General CBTS About Our Review Scoring the CLEP General CBTS Studying for the CLEP General CBTS Test-Taking Tips The Day of the Test CHAPTER 2: ENGLISH COMPOSITION REVIEW Description of the CLEP General CBT in English Composition English Language Skills Review Writing Skills Review CHAPTER 3: HUMANITIES REVIEW Description of the CLEP General CBT in Humanities Literature Review Visual Arts and Architecture Review Philosophy Review Music Review Performing Arts Review CHAPTER 4: MATHEMATICS REVIEW Description of the CLEP General CBT in College Mathematics Arithmetic Review Algebra Review Geometry and Trigonometry Review Sets and Logic Review Real and Complex Numbers Review Functions Review Probability and Statistics Review CHAPTER 5: NATURAL SCIENCES REVIEW Description of the CLEP General CBT in Natural Sciences Biology Review Chemistry Review Physics Review Earth Science Review Geology Review Astronomy Meteorology CHAPTER 6: SOCIAL SCIENCES AND HISTORY REVIEW Description of the CLEP General CBT in Social Sciences and History Political Science Review Sociology Review Economics Review Psychology Review Geography Review Anthropology Review Western Civilization and World History Review United States History Review PERIODIC TABLE OF THE ELEMENTS 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.

CHAPTER 1 - PASSING THE CLEP GENERAL CBTs ABOUT THIS BOOK

This book, part of REA's two-volume set for the most thorough preparation for the CLEP General Examinations available, provides you with an accurate and complete review for the five CLEP General Computer-Based Tests, or CBTs. Inside you will find reviews - all based on the official CLEP exams - for each of the following subjects: English Composition (with and without Essay), Humanities, Mathematics, Natural Sciences, and Social Sciences and History. You will also find drill questions that will help you prepare for the actual exam. For each drill, we provide an answer key with detailed explanations designed to help you better grasp and retain the test material. "This volume contains extensive topical reviews and drills prepared expressly to help you get ready for the CLEP General CBTs. Full length practice tests paralleling the actual exams are presented in our companion volume, REA's The Best Test Preparation for the CLEP General Exams."

ABOUT THE CLEP GENERAL CBTs

Who takes the CLEP General CBTs and what are they used for? CLEP examinations are usually taken by people who have acquired knowledge outside the classroom and wish to bypass certain college courses and earn college credit. The College-Level Examination Program is designed to reward students for learning - no matter where or how that knowledge was acquired. More than 2,900 colleges grant credit and/or advanced standing for CLEP exams. This makes CLEP the most widely accepted credit-by-examination program in the country. Although most CLEP examinees are adults returning to college, many graduating high school seniors, enrolled college students, and international students also take the exams to earn college credit or to demonstrate their ability to perform at the college level. There are no prerequisites, such as age or educational status, for taking CLEP examinations. However, you must meet specific requirements of the particular institution from which you wish to receive CLEP credit. Most CLEP examinations include material usually covered in an undergraduate course with a similar title to that of the exam (e. g., History of the United States I). However, the five exams covered in this book do not deal with subject matter covered in any particular course but rather with material taken as general requirements during the first two years of college. These general exams are English Composition (with or without essay), Humanities, College Mathematics, Natural Sciences, and Social Sciences and History. Who administers the exams? The CLEP is developed by the College Board, administered by Educational Testing Service (ETS), and involves the

assistance of educators throughout the country. The test development process is designed and implemented to ensure that the content and difficulty level of the test are appropriate. When and where are the exams given? The CLEP General Examinations are offered year-round at some 1,400 test centers in the United States and abroad. To find the test center nearest you and to register for the exam, you should obtain a copy of the free booklets CLEP Colleges and CLEP Information for Candidates and Registration Form, which are available at most colleges where CLEP credit is granted, or by contacting: CLEP Services P.O. Box 6600 Princeton, NJ 08541-6600 Phone: (609) 771-7865 Website: <http://www.collegeboard.com>

HOW TO USE THIS BOOK What do I study first? Read over this introduction and our suggestions for test-taking, take the first practice test in your subject to determine your area(s) of weakness, and then go back and focus your studying on those specific problems. Make copies of the appropriate answer sheets each time you take a practice test (answer sheets are located at the back of this book). Studying each subject thoroughly will reinforce the basic skills you will need to do well on the exam. Be sure to take the practice tests to become familiar with the format and procedures involved with taking the actual exam - and, of course, to make yourself completely comfortable with the material. To best utilize your study time, follow our CLEP General Examinations Independent Study Schedule located in the front of this book. This schedule is designed to guide you through one General Examination at a time. You should repeat the schedule for each exam for which you're preparing. The schedule is based on a six-week program but can be condensed to three weeks, if necessary, by collapsing each two-week period into one. When should I start studying? It is never too early to start studying for the CLEP General Examinations. The earlier you begin, the more time you will have to sharpen your skills. Do not procrastinate! Cramming is not an effective way to study, since it does not allow you the time needed to learn the test material. The sooner you learn the format of the exam, the more time you will have to familiarize yourself with it.

FORMAT OF THE CLEP GENERAL CBTs The five computer-based CLEP General Examinations cover material taught in classes that most students take as requirements in the first two years of college. The General CBT in English Composition gauges the skills you would need to complete most first-year college composition courses. There are two versions of the English Composition exam - with essay and without essay. (Credit-granting policies differ among colleges. Check with your prospective school to find out which version is accepted.) The first version has approximately 90 multiple-choice questions, each with five possible answer choices, to be answered in 90 minutes. The second version has one section with approximately 50 multiple-choice questions, each with five answer choices, and a second section with one essay. The student has 45 minutes to complete each of the two sections. The approximate breakdown of topics is as follows: All-Multiple-Choice Version "Skills at the Sentence Level (55%)" - Sentence boundaries - Economy and clarity of expression - Concord/Agreement: subject-verb; verb tense; pronoun reference, shift, number - Active/passive voice - Diction and idiom - Syntax: parallelism, coordination, subordination, dangling modifiers - Sentence variety "Types of Questions Associated with These Skills: "

- * Identifying Sentence Errors: Candidate pinpoints violations of standard conventions of expository writing.
- * Improving Sentences: Candidate chooses the phrase, clause, or sentence that best conveys a sentence's intended meaning.
- * Restructuring

Sentences: Candidate chooses the phrase that, because it most effectively shifts a sentence's emphasis or improves its clarity, would most likely appear in the new sentence created by the revision. "Skills in Context (45%)" - Main idea, thesis - Organization of ideas in paragraph or essay form - Relevance of evidence, sufficiency of detail, levels of specificity - Audience and purpose (effect of style, tone, language, or argument) - Logic of argument (inductive, deductive reasoning) - Coherence within and between paragraphs - Rhetorical emphasis, effect - Sustaining tense or point of view - Sentence joining, sentence variety

Types of Questions Associated with These Skills: " * Revising Work in Progress: Candidate identifies ways to improve an early draft of an essay. * Analyzing Writing: Candidate answers questions about two prose passages written in distinctly different styles and about the strategies used by the author of each passage. Multiple-Choice-with-Essay Version (Two Sections): "Section I - Multiple-Choice (50%)" - Skills at the Sentence Level (30%) See explanation for all-multiple-choice version. - Skills in Context (20%) See explanation for all-multiple-choice version. "Section II - Essay (50%)" - Candidate presents a point of view in response to a topic and supports it with a logical argument and appropriate evidence. The Humanities CBT features 140 multiple-choice questions, each with five answer choices, to be answered in 90 minutes. The approximate breakdown of topics is as follows: Literature (50%) 10% Drama 10-15% Poetry 15-20% Fiction 10% Nonfiction (including philosophy) Fine Arts (50%) 20% Visual arts (painting, sculpture, etc.) 15% Music 10% Performing arts (film, dance, etc.) 5% Architecture

The College Mathematics CBT features 60 questions to be answered in 90 minutes. Most are multiple-choice with four possible answer choices, but some will require you to enter a numerical answer in the box provided. The approximate breakdown of topics is as follows: 10% Sets (covering subjects such as these: union and intersection; subsets; Venn diagrams; Cartesian product) 10% Logic (covering subjects such as these: truth tables; conjunctions, disjunctions, implications, and negations; conditional statements; necessary and sufficient conditions; converse, inverse, and contrapositive; hypotheses, conclusions, and counterexamples) 20% Real Number Systems (covering subjects such as these: prime and composite numbers; odd and even numbers; factors and divisibility; rational and irrational numbers; absolute value and order; binary number system) 20% Functions and Their Graphs (covering subjects such as these: domain and range; linear, polynomial, and composite functions) 25% Probability and Statistics (covering subjects such as these: counting problems, including permutations and combinations; computation of probabilities of simple and compound events; simple conditional probability; mean and median) 15% Additional Algebra and Geometry Topics (covering subjects such as these: complex numbers; logarithms and exponents; applications from algebra and geometry particularly on perimeter and area of plane figures; properties of triangles and circles; the Pythagorean theorem; Parallel and perpendicular lines)

Types of Questions on the CLEP College Mathematics examination: - Solving routine, straightforward problems (50%) - Solving nonroutine problems requiring an understanding of concepts and the application of skills and concepts (50%)

The Natural Sciences CBT features 120 multiple-choice questions, each with five answer choices, to be answered in 90 minutes. The approximate breakdown of topics is as follows: Biological Science (50%) 10% Origin and evolution of life, classification of organisms 10% Cell organization, cell division, chemical nature of the gene, bioenergetics, biosynthesis 20%

Structure, function, and development in organisms; patterns of heredity 10% Concepts of population biology with emphasis on ecology Physical Science (50%) 7% Atomic and nuclear structure and properties, elementary particles, nuclear reactions 10% Chemical elements, compounds, and reactions; molecular structure and bonding 12% Heat, thermodynamics, and states of matter; classical mechanics; relativity 4% Electricity and magnetism, waves, light and sound 7% The universe: galaxies, stars, the solar system 10% The Earth: atmosphere, hydrosphere, structure features, geologic processes, and history The Social Sciences and History CBT features 120 multiple-choice questions, each with five answer choices, to be answered in 90 minutes. The approximate breakdown of topics is as follows: History (40%) 17% United States History (requiring an overall grasp of historical issues from the Colonial period to the present) 15% Western Civilization (covering ancient Western Asia, Greece, and Rome; medieval Europe and modern Europe, including its expansion and outposts around the world) 8% World History (covering Africa, Asia, Australia, Europe, North America, and South America from prehistory to the present) Social Sciences (60%) 13% Government/Political Science (including subjects such as these: methods, U.S. institutions, voting and political behavior, international relations, and comparative government) 11% Sociology (including subjects such as these: methods, demography, family, social stratification, deviance, social organization, social theory, interaction, and social change) 10% Economics (emphasizing subjects such as these: scarcity, choice, and cost; resource markets [after-product markets]; monetary and fiscal policy; international trade; and economic measurements) 10% Psychology (including subjects such as these: methods, aggression, conformity, group process, performance, personality, and socialization) 10% Geography (including subjects such as these: weather and climate, regional geography, location, distance, space accessibility, spatial interaction, and ecology) 6% Anthropology (including subjects such as these: ethnography and cultural anthropology)

ABOUT OUR REVIEWS There are five reviews in this book, one for each of the CLEP General Examinations. The reviews are designed to further students' understanding of the test material. Each review contains a description of what to expect on the examination and a thorough review of the major topics found on the exams. The English composition review is broken down into two areas - English language skills and writing skills. The humanities review is broken down into five areas - literature, visual arts and architecture, philosophy, music and performing arts. The mathematics review is broken down into seven areas - arithmetic, algebra, geometry and trigonometry, sets and logic, real and complex numbers, functions, and probability and statistics. The natural sciences review is broken down into seven areas - biology, chemistry, physics, earth science, geology, astronomy, and meteorology. The social sciences review is broken down into eight areas - political science, sociology, economics, psychology, geography, anthropology, western and world civilization, and United States history.

SCORING THE CLEP GENERAL CBTs The CLEP General Examinations are scored on a scale of 200 to 800. This does not apply, however, to the English Composition with Essay Questions Exam. The essays on this exam are scored on a scale of 2 to 8. There is a drill question in the writing skills section of the English Composition review that asks you to write an essay on a given topic. To score your essay, we suggest you give it to two English teachers or professors to grade. Refer to the completed essays in the detailed explanations of

answers section of the review for scoring criteria. The completed essays will show you what the judges will be looking for, and the essay score from the English teachers will help you judge your progress. When will I receive my score report? Right after you finish (except for the English Composition essay, which requires human graders and whose score will be mailed to you), the computer will generate a printout of your score report, which the administrator will hand you. If you want your scores reported to a college or other institution, you must fill in the correct code number on your answer sheet at the time you take the examination. Since your scores are kept on file for 20 years, you may also request transcripts from ETS at a later date.

STUDYING FOR THE CLEP GENERAL CBTs

It is crucial for you to choose the time and place for studying that works best for you. Some students set aside a certain number of hours every morning, while others choose to study at night before going to sleep. Only you can determine when and where your study time will be most effective. But be consistent and use your time wisely. Work out a study routine and stick to it! When you take our practice tests, try to make your testing conditions as much like the actual test as possible. Turn off the television or radio, and sit down at a quiet table or desk free from distraction. Use a timer to ensure that each section is accurately clocked. As you complete each practice test, score it and thoroughly review the explanations for the questions you answered incorrectly; however, do not review too much at one sitting. Concentrate on one problem area at a time by reviewing the question and explanation, and by studying our review until you are confident that you completely understand the material. Keep track of your scores and mark them on the scoring worksheet. By doing so, you will be able to gauge your progress and discover general weaknesses in particular sections. You should carefully study the review sections that cover your areas of difficulty, as this will build your skills in those areas. If you do poorly on a section, do not develop a negative attitude - it only means you need to further review the material. You should carefully study the reviews that cover your areas of difficulty, as this will build your skills in those areas. A negative attitude could prove to be your biggest stumbling block. It is important that you get a good start and that you are positive as you review and study the material.

TEST-TAKING TIPS

You may never have taken a standardized computer-based test, but it's not hard to learn the things you need to know to be comfortable on test day. Know the format of the CBT. CLEP CBTs are not adaptive but rather fixed-length tests. In a sense, this makes them kin to the familiar pen-and-paper exam in that you have the same flexibility to back and review your work in each section. Moreover, the format hasn't changed a great deal from the paper-and-pencil CLEP. You are likely to see some so-called pretest questions as well, but you won't know which they are and they won't be scored. Use the process of elimination. If you don't immediately see the correct answer among the choices, go down the list and eliminate as many as you can. Confidently casting aside choices will help you isolate the correct response, or at least knock your choices down to just a few strong contenders. This approach has the added benefit of keeping you from getting sidetracked and distracted by what in fact may be just an occasional tricky question. Importantly, your score is based only on the number of questions you answer correctly. Read all of the possible answers. Just because you think you have found the correct response, do not automatically assume that it is the best answer. Read through each choice to be sure that you are not making a mistake by jumping to conclusions. Work quickly and steadily. You

will have only 45 minutes to work on an average of 50 questions in each section, so work quickly and steadily to avoid focusing on any one question too long. Taking our practice tests will help you learn to budget your time. Acquaint yourself with the CBT screen. Familiarize yourself with the CLEP CBT screen beforehand by logging onto the College Board Website. Waiting until test day to see what it looks like in the pretest tutorial risks injecting needless anxiety into your testing experience. Be sure that your answer registers before you go to the next item. Look at the screen to see that your mouse-click causes the pointer to darken the proper oval. This takes far less effort than darkening an oval on paper, but don't lull yourself into taking less care! **THE DAY OF THE EXAM** Preparing to Take the CLEP CBT On the day of the test, you should wake up early (after a decent night's rest, one would hope) and have a good breakfast. Dress comfortably so that you are not distracted by being too hot or too cold while taking the test. Plan to arrive at the test center early. This will allow you to collect your thoughts and relax before the test, and will also spare you the anxiety that comes with being late. No one will be allowed into the test session after the test has begun. Before you set out for the test center, make sure that you have your admission form, Social Security number, and a photo ID with your signature (e.g., driver's license, student identification card, or current alien registration card). The test center administrator will ask you for photo ID when you arrive. After your test center fee is collected and registration is completed, you will be assigned to a computer. You will then key in the standard personal information, including credit card information. Next, you'll take the tutorial. During the Test Finally the exam will be upon you. Here's what to expect: - Since it's built right into the CLEP testing software, an on-screen non-graphing scientific calculator will pop up for the College Mathematics CBT. You should take into account, however, that a calculator is not deemed necessary to answer any of the test's questions. - Scrap paper will be provided to you for all CLEP CBT examinations. - At times your computer may seem to slow down. Don't worry: the built-in timer will not advance until your next question is fully loaded and visible on screen. - Just as you can on a paper-and-pencil test, you'll be able to move freely between questions within a section. - You'll have the option to mark questions and review them. - You may wear a wristwatch to the test center, but it cannot make any noise which could disturb your fellow test-takers. - No computers, dictionaries, textbooks, notebooks, scrap paper, briefcases, or packages will be permitted into the test center; drinking, smoking, and eating are prohibited. You may, however, bring your own nonprogrammable calculator if you're sitting for the CLEP College Mathematics CBT. Consult College Board publications (including the Collegeboard.com website) for details. After the Test Once you have informed the test center administrator that you're done, you will end your session on the computer, which in turn will generate the printout of a score report (except for the English Composition essay, which requires human graders and whose score will be mailed to you) that the administrator will hand you. Then, go home and relax - you deserve it!

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