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Introductory Technical Mathematics - John C. Peterson 2012-09-13
With an emphasis on real-world math applications, the Sixth Edition of INTRODUCTORY TECHNICAL MATHEMATICS provides readers with current and practical technical math applications for today's sophisticated trade and technical work environments. Straightforward and easy to understand, this hands-on book helps readers build a solid understanding of math concepts through step-by-step examples and problems drawn from various occupations. Updated to include the most current information in the field, the sixth edition includes expanded coverage of topics such as estimation usage, spreadsheets, and energy-efficient electrical applications. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.
Precalculus: A Functional Approach to Graphing and Problem Solving - Karl Smith 2013
Precalculus: A Functional Approach to Graphing and Problem Solving prepares students for the concepts and applications they will encounter in future calculus courses. In far too many texts, process is stressed over insight and understanding, and students move on to calculus ill equipped to think conceptually about its essential ideas. This text provides sound development of the important mathematical underpinnings of calculus, stimulating problems and exercises, and a well-developed, engaging pedagogy. Students will leave with a clear understanding of what lies ahead in their future calculus courses. Instructors will find that Smith's straightforward, student-friendly presentation provides exactly what they have been looking for in a text!

Fundamentals of Biomechanics - Nihat Özkaya 2012-05-31
Biomechanics applies the principles and rigor of engineering to the mechanical properties of living systems. This book integrates the classic fields of mechanics--statics, dynamics, and strength of materials--using examples from biology and medicine. Fundamentals of Biomechanics is excellent for teaching either undergraduates in biomedical engineering programs or health care professionals studying biomechanics at the graduate level. Extensively revised from a successful first edition, the book features a wealth of clear illustrations, numerous worked examples, and many problem sets. The book provides the quantitative perspective missing from more descriptive texts, without requiring an advanced background in mathematics. It will be welcomed for use in courses such as biomechanics and orthopedics, rehabilitation and industrial engineering, and occupational or sports medicine.
TI-Nspire Strategies - Aimee L. Evans 2008-10-01
Maximize student use of the TI-Nspire while processing and learning geometric concepts with lessons that delve into the five environments of the TI-Nspire including: calculator, graphs and geometry, lists and spreadsheets, notes, and data analysis. Also included are practice pages to prepare students for testing situations that allow the use graphing calculators or handhelds as well as student guides on the Teacher Resource CD files to support English language learners.

Mathematical Circle Diaries, Year 2: Complete Curriculum for Grades 6 to 8 - Anna Burago 2018-07-03
Mathematical circles, with their question-driven approach and emphasis on problem solving, expose students to the type of mathematics that stimulates the development of logical thinking, creativity, analytical abilities, and mathematical reasoning. These skills, while scarcely introduced at school, are in high demand in the modern world. This book, a sequel to Mathematical Circle Diaries, Year 1, teaches how to think and solve problems in mathematics. The material, distributed among twenty-nine weekly lessons, includes detailed lectures and discussions, sets of problems with solutions, and contests and games. In addition, the book shares some of the know-how of running a mathematical circle. The book covers a broad range of problem-solving strategies and proofing techniques, as well as some more advanced topics that go beyond the limits of a school curriculum. The topics include invariants, proofs by contradiction, the Pigeonhole principle, proofs by coloring, double counting, combinatorics, binary numbers, graph theory, divisibility and remainders, logic, and many others. When students take science and computing classes in high school and college, they will be better prepared for both the foundations and advanced material. The book contains everything that is needed to run a successful mathematical circle for a full year. This book, written by an author actively involved in teaching mathematical circles for fifteen years, is intended for teachers, math coaches, parents, and math enthusiasts who are interested in teaching math that promotes critical thinking. Motivated students can work through this book on their own. In the interest of fostering a greater awareness and appreciation of mathematics and its connections to other disciplines and everyday life, MSRI and the AMS are publishing books in the Mathematical Circles Library series as a service to young people, their parents and teachers, and the mathematics profession.

GMAT Prep 2023 For Dummies with Online Practice - Scott A. Hatch 2022-06-15
Let nothing stand between you and your optimal GMAT score Show admissions committees you have what it takes to succeed in advanced business and management courses. GMAT Prep 2023 For Dummies gives you the strategies and skills you need to master the Graduate Management Admissions Test. This trusted study guide has the clear explanations and practice you need to maximize your scores on the verbal, mathematical, and analytical writing sections. You'll find proven tips and strategies to help you prepare for the GMAT and achieve success on test day. Plus, you'll get access to SEVEN full-length practice tests and plenty of flashcards online! Learn proven tips and tricks for maximizing your score on all sections of the GMAT Figure out where you need to study the most and create a targeted study plan Take seven full-length practice tests, so you'll be an old pro by the time test day rolls around Get practice questions, flashcards, and review activities that make studying hands-on and help you remember This edition, specific to the 2023 GMAT test, covers updates to the verbal section of the exam. We've got even better, clearer explanations, plus coverage of all the changes in the Official Guide to GMAT. If you're ready to kick butt on the GMAT, this is your book!

GMAT For Dummies 2021 - Lisa Zimmer Hatch 2020-12-22
Gain confidence to crack the GMAT You have your heart set on getting into a particular MBA program, but you're required to submit your GMAT score as part of the application process. Ack! If you dread the idea of taking a standardized test, you've come to the right place. GMAT For Dummies 2021 with Online Practice gets you ready for test day with helpful reviews and smart advice. To make the chore of studying a bit more bearable, the four parts of the test are broken down into sections so you can focus on exactly what you need. If you need a refresher on grammar and reading comprehension, it's here. Is math your nemesis? Overcome the challenge with reviews of algebra, geometry, and statistics. And the exasperating but essential topics of essay writing and integrated reasoning are covered too. In addition, you get insights into how to avoid GMAT pitfalls and make the most of time-management tactics during the exam. Take a pre-assessment test to identify the subject areas you need to brush up on Access 7 practice tests

and 500 flashcards online Hone your analytical and reasoning skills Create a targeted study plan If you want to conquer the GMAT and stand out from other MBA program applicants, you'll find everything you need here for a stellar score!

Teaching the Common Core Math Standards with Hands-On Activities, Grades 9-12 - Gary R. Muschla 2015-05-18

Bring Common Core Math into high school with smart, engaging activities Teaching Common Core Math Standards with Hands-On Activities, Grades 9-12 provides high school teachers with the kind of help they need to begin teaching the standards right away. This invaluable guide pairs each standard with one or more classroom-ready activities and suggestions for variations and extensions. Covering a range of abilities and learning styles, these activities bring the Common Core Math Standards to life as students gain fluency in math communication and develop the skillset they need to tackle successively more complex math courses in the coming years. Make math anxiety a thing of the past as you show your students how they use math every day of their lives, and give them the cognitive tools to approach any math problem with competence and confidence. The Common Core Standards define the knowledge and skills students need to graduate high school fully prepared for college and careers. Meeting these standards positions American students more competitively in the global economy, and sets them on a track to achieve their dreams. This book shows you how to teach the math standards effectively, and facilitate a deeper understanding of math concepts and calculations. Help students apply their understanding of math concepts Teach essential abstract and critical thinking skills Demonstrate various problem-solving strategies Lay a foundation for success in higher mathematics The rapid adoption of the Common Core Standards across the nation has left teachers scrambling for aligned lessons and activities. If you want to bring new ideas into the classroom today, look no further. Teaching Common Core Math Standards with Hands-On Activities is the high school math teacher's solution for smart, engaging Common Core math.

Praxis Core Academic Skills for Educators (5713, 5723, 5733) Book + Online, 3rd Ed. - Sandra Rush 2021-10-27

"Whether you 're pursuing a traditional education degree or changing careers, this test prep has everything you nede to score high on all three Praxis Core substests: Reading (5713), Writing (5723), and Mathematics (5733).--

Algebra for College Students - Jerome E. Kaufmann 2014-01-01

Kaufmann and Schwitters have built this text's reputation on clear and concise exposition, numerous examples, and plentiful problem sets. This traditional text consistently reinforces the following common thread: learn a skill; practice the skill to help solve equations; and then apply what you have learned to solve application problems. This simple, straightforward approach has helped many students grasp and apply fundamental problem solving skills necessary for future mathematics courses. Algebraic ideas are developed in a logical sequence, and in an easy-to-read manner, without excessive vocabulary and formalism. The open and uncluttered design helps keep students focused on the concepts while minimizing distractions. Problems and examples reference a broad range of topics, as well as career areas such as electronics, mechanics, and health, showing students that mathematics is part of everyday life. The text's resource package—anchored by Enhanced WebAssign, an online homework management tool—saves instructors time while also providing additional help and skill-building practice for students outside of class. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Geometry: 1001 Practice Problems For Dummies (+ Free Online Practice) - Allen Ma 2022-05-24

Just a few practice questions to help you square the circle in geometry Geometry: 1001 Practice Problems For Dummies gives you 1,001 opportunities to practice solving problems from all the major topics in Geometry—in the book and online! Get extra help with tricky subjects, solidify what you've already learned, and get in-depth walk-throughs for every problem with this useful book. These practice problems and detailed answer explanations will help you master geometry from every angle, no matter what your skill level. Thanks to Dummies, you

have a resource to help you put key concepts into practice. Work through practice problems on all Geometry topics covered class Step through detailed solutions for every problem to build your understanding Access practice questions online to study anywhere, any time Improve your grade and up your study game with practice, practice, practice The material presented in Geometry: 1001 Practice Problems For Dummies is an excellent resource for students, as well as for parents and tutors looking to help supplement Geometry instruction. Geometry: 1001 Practice Problems For Dummies (9781119883685) was previously published as 1,001 Geometry Practice Problems For Dummies (9781118853269). While this version features a new Dummies cover and design, the content is the same as the prior release and should not be considered a new or updated product.

CliffsNotes Math Review for Standardized Tests, 2nd Edition - Jerry Bobrow 2012-04-06
Your guide to a higher math score on standardized tests *SAT ACT® ASVAB GMAT® GRE® CBEST® PRAXIS I® GED® And More! Why CliffsNotes? Go with the name you know and trust Get the information you need–fast! About the Contents: Introduction How to use this book Overview of the exams Part I: Basic Skills Review Arithmetic and Data Analysis Algebra Part II: Strategies and Practice Mathematical Ability Quantitative Comparison Data Sufficiency Each section includes a diagnostic test, explanations of rules, concepts with examples, practice problems with complete explanations, a review test, and a glossary! Test-Prep Essentials from the Experts at CliffsNotes® For more test-prep help, visit CliffsNotes.com® *SAT is a registered trademark of the College Board, which was not involved in the production of, and does not endorse, this product.

Index to Mathematical Problems, 1980-1984 - Stanley Rabinowitz 1992
A compendium of over 5,000 problems with subject, keyword, author and citation indexes.

ACT Math & Science Prep - Kaplan Test Prep 2017-03-07
Kaplan's ACT Math & Science Prep provides focused practice and expert tips to help you sharpen your math and science skills and master these challenging sections of the ACT. Kaplan is the Official Partner for Live Online Prep for the ACT. For more information visit kaptest.com/onlinepreplive. Realistic Practice. Essential Review./em> More than 500 math and science practice questions Question sets to help you determine your areas of greatest opportunity A guide to the 100 most important math topics for the ACT Review of essential math concepts, including intermediate algebra, plane geometry, and trigonometry Essential science review that focuses on the three main concepts of data representation, research summaries, and conflicting viewpoints passages Fully aligned with the actual ACT for realistic, test-like content to help you avoid surprises on Test Day Expert Guidance 9 out of 10 Kaplan students get into one or more of their top choice college Kaplan's expert teachers make sure our tests are true to the ACT We invented test prep. Kaplan has been helping students achieve their goals for over 80 years. Learn more at kaptest.com.

Princeton Review GRE Prep, 2023 - The Princeton Review 2022-07-26
THE PRINCETON REVIEW GETS RESULTS. Prep for a perfect GRE score with 5 full-length practice tests (2 in the book and 3 online), thorough topic reviews, extra practice online, and a $100 discount on an additional Princeton Review online GRE course. Techniques That Actually Work • Powerful tactics to avoid traps and beat the GRE • Tips for pacing yourself and guessing logically • Detailed examples of how to employ each strategy to your advantage Everything You Need to Know for a High Score • Thorough reviews for every section of the exam • Information on remote testing and COVID-related news, available through our online Student Portal • Extensive GRE math coverage featuring chapters about Math Fundamentals on the GRE, Algebra Basics, Plugging In, Real-world Math, and more Practice Your Way to Perfection • 5 full-length practice tests (2 in the book & 3 online) with detailed explanations • Drills for each test section—Verbal, Math, and Analytical Writing • Step-by-step guides for interpreting your practice test results • In-depth score reports available for online practice exams Plus! With purchase of this edition of Princeton Review GRE Prep, you'll receive access to a $100 discount on The Princeton Review's

popular full Self-Paced GRE online course. (See book for details.)

CliffsNotes Geometry Practice Pack - David Alan Herzog 2010-04-12
About the Contents: Pretest Helps you pinpoint where you need the most help and directs you to the corresponding sections of the book Topic Area Reviews Basic geometry ideas Parallel lines Triangles Polygons Perimeter and area Similar figures Right angles Circles Solid geometry Coordinate geometry Customized Full-Length Exam Covers all subject areas Appendix Postulates and theorems

Trigonometry Workbook For Dummies - Mary Jane Sterling 2005-09-29
From angles to functions to identities - solve trig equations withease Got a grasp on the terms and concepts you need to know, but getlost halfway through a problem or worse yet, not know where tobegin? No fear - this hands-on-guide focuses on helping you solvethe many types of trigonometry equations you encounter in afocused, step-by-step manner. With just enough refresherexplanations before each set of problems, you'll sharpen yourskills and improve your performance. You'll see how to work withangles, circles, triangles, graphs, functions, the laws of sinesand cosines, and more! 100s of Problems! * Step-by-step answer sets clearly identify where you went wrong(or right) with a problem * Get the inside scoop on graphing trig functions * Know where to begin and how to solve the most commonequations * Use trig in practical applications with confidence

103 Trigonometry Problems - Titu Andreescu 2004-12-15
* Problem-solving tactics and practical test-taking techniques provide in-depth enrichment and preparation for various math competitions * Comprehensive introduction to trigonometric functions, their relations and functional properties, and their applications in the Euclidean plane and solid geometry * A cogent problem-solving resource for advanced high school students, undergraduates, and mathematics teachers engaged in competition training

Princeton Review GRE Premium Prep, 2022 - The Princeton Review 2021-05-25
Make sure you're studying with the most up-to-date prep materials! Look for the newest edition of this title, The Princeton Review GRE Premium Prep, 2023 (ISBN: 9780593450611, on-sale July 2022). 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.

Geometry: 1,001 Practice Problems For Dummies (+ Free Online Practice) - Allen Ma 2015-05-04
Practice makes perfect! Get perfect with a thousand and one practice problems! 1,001 Geometry Practice Problems For Dummies gives you 1,001 opportunities to practice solving problems that deal with core geometry topics, such as points, lines, angles, and planes, as well as area and volume of shapes. You'll also find practice problems on more advanced topics, such as proofs, theorems, and postulates. The companion website gives you free online access to 500 practice problems and solutions. You can track your progress and ID where you should focus your study time. The online component works in conjunction with the book to help you polish your skills and build confidence. As the perfect companion to Geometry For Dummies or a stand-alone practice tool for students, this book & website will help you put your geometry skills into practice, encouraging deeper understanding and retention. The companion website includes: Hundreds of practice problems Customizable practice sets for self-directed study Problems ranked as easy, medium, and hard Free one-year access to the online questions bank With 1,001 Geometry Practice Problems For Dummies, you'll get the practice you need to master geometry and gain confidence in the classroom.

Project-Based Learning in the Math Classroom - Chris Fancher 2021-11-05
Project-Based Learning in the Math Classroom explains how to keep inquiry at the heart of mathematics teaching and helps teachers build students' abilities to be true mathematicians. This book outlines basic teaching strategies, such as questioning and exploration of concepts. It also provides advanced strategies for teachers who are already implementing inquiry-based methods. Project-Based Learning in the Math Classroom includes practical advice about strategies the authors have used in their own

classrooms, and each chapter features strategies that can be implemented immediately. Teaching in a project-based environment means using great teaching practices. The authors impart strategies that assist teachers in planning standards-based lessons, encouraging wonder and curiosity, providing a safe environment where failure occurs, and giving students opportunities for revision and reflection. Grades 6-10

The Math We Need to Know and Do in Grades 6□9 - Pearl Gold Solomon 2007-05-24
A resource for planning curriculum, instruction, and assessment explains essential concepts and skills as defined by the National Council of Teachers of Mathematics for learners in middle schools and offers a matrix covering the sequential and specific development of concepts across grade levels.

Princeton Review GRE Premium Prep, 2021 - The Princeton Review 2020-07-28
Make sure you're studying with the most up-to-date prep materials! Look for the newest edition of this title, The Princeton Review GRE Premium Prep, 2022 (ISBN: 9780525570479, on-sale May 2022). 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.

Intermediate Algebra - Jerome E. Kaufmann 2014-01-01
Kaufmann and Schwitters have built this text's reputation on clear and concise exposition, numerous examples, and plentiful problem sets. This traditional text consistently reinforces the following common thread: learn a skill; practice the skill to help solve equations; and then apply what you have learned to solve application problems. This simple, straightforward approach has helped many students grasp and apply fundamental problem-solving skills necessary for future mathematics courses. Algebraic ideas are developed in a logical sequence, and in an easy-to-read manner, without excessive vocabulary and formalism. The open and uncluttered design helps keep students focused on the concepts while minimizing distractions. Problems and examples reference a broad range of topics, as well as career areas such as electronics, mechanics, and health, showing students that

mathematics is part of everyday life. The text's resource package--anchored by Enhanced WebAssign, an online homework management tool--saves instructors time while providing additional help and skill-building practice for students outside of class. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Princeton Review GRE Prep, 2021 - The Princeton Review 2020-07-28
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The Math Teacher's Problem-a-Day, Grades 4-8 - Judith A. Muschla 2008-04-11
From bestselling authors Judith and Gary Muschla, The Math Teacher's Problem-a-Day is a hands-on resource containing 180 handy worksheets, one for each day of the school year, to help students in grades 4-8 acquire the skills needed to master mathematics. These reproducible worksheets are perfect for "sponge activities"—five-minute challenges to start or end a class period—that can also be used as supplemental lessons, homework, or extra credit. With problems based on the Standards and Focal Points of the National Council of Teachers of Mathematics, the book is designed to give students valuable practice in math skills, using specific activities to enhance critical thinking and boost test scores. The topics covered focus on the core math concepts and skills required for middle school students, including: Numbers and Operations Algebra Geometry Measurement Data Analysis Part of the 5-Minute Fundamentals series, The Math Teacher's Problem-a-Day is an important resource that will help today's students understand more concepts, make connections between branches of mathematics, and apply math skills to a variety of real-life problems.

Praxis Core Academic Skills for Educators, 2nd Ed.: Reading (5712), Writing (5722), Mathematics (5732) Book + Online - Sandra

Rush 2019-04-15
REA's Praxis Core Academic Skills for Educators Test Prep with Online Practice Tests (2nd ed.) Gets You Certified and in the Classroom! "Unlike so many of the books on the market, this REA volume ... is 100% up-to-date. This book is well-informed about all the changes that have been made to the Praxis exam..., and it discusses all the question formats that you will see on your Praxis exam." —Mike McGarry, Test Prep Instructor, Magoosh Read the full Magoosh review. The Praxis Core tests are used to gauge the skills and content knowledge of candidates entering teacher preparation programs and are used for initial teacher certification in more than 30 states and U.S. territories, as well as the U.S. Department of Defense Education Activity. REA's Praxis: Core Academic Skills for Educators - Reading (5712), Writing (5722), and Mathematics (5732) test prep helps you master the information on this exam, bringing you one step closer to being certified to teach. It's perfect for college students, out-of-state teachers, and career-changing professionals. Completely aligned with the Common Core State Standards and written by seasoned test-prep experts, our study package contains in-depth reviews of all the reading, writing, and mathematics content tested on the Praxis Core exam. A diagnostic test for each exam is offered online to help pinpoint your strengths and weaknesses. This test prep package includes 6 full-length practice tests (two each for reading, writing, and math - available both in the book and online) that cover every type of question, subject area, and skill tested on the exams. Are you a career changer or just need more brush-up on your math? Try our 4 math mini-tests. The book's online tests are timed and offer detailed scoring analysis and diagnostic tools so you can easily see where you need to focus your study. This complete test prep package comes with a handy study schedule, self-evaluation grid, as well as REA's proven test-taking tips and strategies. Go with the test guide that the test prep pros at Magoosh say provides "high-quality instruction in all three subject areas." This test prep is a must-have for teacher candidates across the United States who want an extra edge on the Praxis Core tests!

CliffsStudySolver Trigonometry - David A

Herzog 2007-05-04
The learn-by-doing way to master Trigonometry Why CliffsStudySolver Guides? Go with the name you know and trust Get the information you need--fast! Written by teachers and educational specialists Get the concise review materials and practice you need to learn Trigonometry, including: Explanations of All Elements and Principles * Angles and quadrants * Graphs of trigonometric functions * Trigonometry of triangles * Trigonometric identities * Vectors * Polar coordinates and complex numbers * Inverse functions, equations, and motion Strategic Study Aids * Clear, concise reviews of every topic * Summary of formulas * Table of trigonometric functions * Glossary * Materials designed for high school and college students Problem-Solving Approach and Tools * Diagnostic pretest to pinpoint areas that need extra study * Practice questions after every chapter--with answers and explanations * Full-length practice exam with review recommendations for questions you miss We take great notes--and make learning a snap More than Notes! CliffsAP? CliffsComplete? CliffsQuickReview? CliffsStudySolver CliffsTestPrep?

Princeton Review GRE Premium Prep, 2023 - The Princeton Review 2022-07-26
THE ALL-IN-ONE SOLUTION FOR YOUR HIGHEST POSSIBLE SCORE. Get the prep you need for your best GRE score with The Princeton Review, including 7 full-length practice tests (2 in the book and 5 online; the MOST on the market!), thorough topic reviews, exclusive access to premium online content, and a $100 discount on an additional Princeton Review online GRE course. Techniques That Actually Work • Powerful tactics to avoid traps and beat the GRE • Tips for pacing yourself and guessing logically Everything You Need to Know for a High Score • Information on remote testing and COVID-related news, available through our online Student Portal • Extensive GRE math coverage featuring chapters about Math Fundamentals on the GRE, Algebra Basics, Plugging In, Real-world Math, and more Practice Your Way to Excellence • 7 full-length practice tests (2 in the book & 5 online) with detailed explanations • Drills for each test section—Verbal, Math, and Analytical Writing •

In-depth score reports available for online practice exams Premium Online Features for an Extra Competitive Edge • Key info about grad school admissions, testing calendars, and financial aid • Video tutorials that breakdown strategies for each section of the GRE • Multi-week study guides • Special "Grad School Insider" section packed with helpful info about grad school admissions, application requirements, popular programs, and more Plus! With purchase of this edition of Princeton Review GRE Premium Prep, you'll receive access to a $100 discount on The Princeton Review's popular full Self-Paced GRE online course. (See book for details.)

Trigonometry - Charles P. McKeague 2016-01-01 Gain a solid understanding of the principles of trigonometry and how these concepts apply to real life with McKeague/Turner's TRIGONOMETRY. This book's proven approach presents contemporary concepts in brief, manageable sections using current, detailed examples and interesting applications. Captivating illustrations such as cycling, the Ferris wheel, and even the human cannonball, show trigonometry in action. Unique Historical Vignettes offer a fascinating glimpse at how many of the central ideas in trigonometry began. The text is easy to read, and important theorems and definitions are boxed so they can be quickly identified for study purposes. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Basic Math and Pre-Algebra - Carolyn Wheater 2014-08-05 When not used on a daily basis, basic math concepts are difficult to recall and use. When people plan to return to school, they must take entrance and placement exams with a significant math portion. Idiot's Guides: Basic Math and Pre-Algebra helps readers get back up to speed and relearn the primary concepts of mathematics, geometry, and pre-algebra so that they can pass entrance exams, such as the GED, ASVAB, and Praxis, as well as remedial math courses. Ideal for both students and parents, Idiot's Guides: Basic Math and Pre-Algebra will include a workbook component with practice problems to help reinforce the math concepts. In this book, readers get: - An introduction to

positive and negative numbers and place values - A solid review of the four basic math operations: addition, subtraction, multiplication, and division - Step-by-step guidance on how to understand and solve word problems - An explanation of the concepts of factors and multiples - Help in working with fractions, decimals, and percents - The basics of geometry - Weights, measures, and other practical applications of mathematics - How to create and interpret mathematical graphs - A grounding in statistics and probability - An introduction to algebraic concepts and problems, including expressions and equations

ACT for Busy Students - Kaplan Test Prep 2020-07-14 Kaplan's ACT for Busy Students provides streamlined prep to help you score higher even if you're short on study time. Targeted review, essential practice, and expert advice aid you in mastering the most important skills, so you can face the test with confidence. Kaplan Test Prep is the Official Partner for Live Online Prep for the ACT. For more information visit kaptest.com/onlinepreplive. Kaplan is so certain that ACT for Busy Students offers the guidance you need that we guarantee it: After studying with our book, you'll score higher on the ACT—or your money back. Essential Review Review the most important skills and concepts for all sections of the ACT 1 full-length practice test with complete answer explanations Customized, step-by-step study schedules based on how much time you have until the test More than 250 practice questions Strategies and tips for the optional Writing test Expert Guidance Kaplan's expert teachers make sure our tests are true to the ACT 9 out of 10 Kaplan students get into one or more of their top choice colleges

The Slide Rule: a Study Guide to be Used with USAFI Course C858 - Warren Clarence Young 1962

SAT Prep Plus 2020 - Kaplan Test Prep 2019-07-02 Always study with the most up-to-date prep! Look for SAT Prep Plus 2021, ISBN 9781506262680, on sale June 02, 2020. Publisher's Note: Products purchased from third-party sellers are not guaranteed by the publisher for quality, authenticity, or access to any online entitles included with the product.

Explorations in Geometry - 2010
"This book covers the basic topics in geometry (including trigonometry) that are accessible and valuable to senior high school and university students. It also includes materials that are very useful for problem solving in mathematical competitions, from relatively easy to advanced levels, including the International Mathematical Olympiad."--

GMAT Advanced Quant - Manhattan Prep 2020-02-04
GMAT Advanced Quant is designed for students seeking an extremely high GMAT quant score. It offers essential techniques for approaching the GMAT's most difficult math problems, along with extensive practice on very challenging problems. This edition includes 55 new practice problems. Written for students striving for a perfect score of 51 on the quant section—by instructors who have achieved that score—this book combines elite strategies for problem solving and data sufficiency with intense practice to build your high-level quantitative skills. The guide includes more than 250 very challenging problems, including 55 that are new to this edition. GMAT Advanced Quant comes with access to Atlas, your online learning platform. Atlas includes additional practice problems, a full-length adaptive practice exam, interactive video lessons, strategies for time management, and many other study resources. Tackle the GMAT's toughest quant problems with Manhattan Prep, the world's leading GMAT Prep company. To get into top business programs, you need top GMAT scores, and GMAT Advanced Quant is designed to get you there. Note: This guide is recommended for those already scoring 47 or higher on the quant section of the GMAT; to work up to a score of 47, check out Manhattan Prep's All the Quant guide.

Methods of Solving Complex Geometry Problems - Ellina Grigorieva 2013-08-13
This book is a unique collection of challenging geometry problems and detailed solutions that will build students' confidence in mathematics. By proposing several methods to approach each problem and emphasizing geometry's connections with different fields of mathematics, Methods of Solving Complex Geometry Problems serves as a bridge to more advanced problem solving. Written by an accomplished female mathematician who struggled with geometry as a child, it does not intimidate, but instead fosters the reader's ability to solve math problems through the direct application of theorems. Containing over 160 complex problems with hints and detailed solutions, Methods of Solving Complex Geometry Problems can be used as a self-study guide for mathematics competitions and for improving problem-solving skills in courses on plane geometry or the history of mathematics. It contains important and sometimes overlooked topics on triangles, quadrilaterals, and circles such as the Menelaus-Ceva theorem, Simson's line, Heron's formula, and the theorems of the three altitudes and medians. It can also be used by professors as a resource to stimulate the abstract thinking required to transcend the tedious and routine, bringing forth the original thought of which their students are capable. Methods of Solving Complex Geometry Problems will interest high school and college students needing to prepare for exams and competitions, as well as anyone who enjoys an intellectual challenge and has a special love of geometry. It will also appeal to instructors of geometry, history of mathematics, and math education courses.

Math Word Problems For Dummies - Mary Jane Sterling 2008-02-05
Covers percentages, probability, proportions, and more Get a grip on all types of word problems by applying them to real life Are you mystified by math word problems? This easy-to-understand guide shows you how to conquer these tricky questions with a step-by-step plan for finding the right solution each and every time, no matter the kind or level of problem. From learning math lingo and performing operations to calculating formulas and writing equations, you'll get all the skills you need to succeed! Discover how to: * Translate word problems into plain English * Brush up on basic math skills * Plug in the right operation or formula * Tackle algebraic and geometric problems * Check your answers to see if they work

The Complete Idiot's Guide to Trigonometry - Dmitriy Fotiyev 2012-04-03
- Follows a standard course curriculum. - Includes both polar coordinates and complex numbers, unlike the competition.

SAT Prep Plus 2021 - Kaplan Test Prep
2020-06-02

Kaplan's SAT Prep Plus 2021 prepares you for test day with expert strategies, clear explanations, and realistic practice, including a 250-question online Qbank. Ample practice questions, quizzes, a layout based on student feedback, and online study-planning guidance. We're so certain that SAT Prep Plus 2021 offers all the guidance you need to excel on the SAT that we guarantee it: After studying with our online resources and book, you'll score higher on the SAT—or you'll get your money back. The CollegeBoard will resume tests in Fall 2020 and 2021. There are test dates available for October 03, 2020, November 07, 2020, December 05, 2020, March 13, 2021, May 08, 2021, and June 05, 2021. Test centers are able to make individual decisions regarding administering the SAT. The CollegeBoard will contact students via email or text message if the site closes. The Best Practice Five full-length Kaplan practice tests: two in the book and three online More than 1,400 practice questions with detailed explanations Pre-quizzes to help you figure out what you already know and what you can skip Mixed practice quizzes after every chapter to assess how much you've learned A practice question at the beginning of each lesson to help you quickly identify its focus and dedicated practice questions after every lesson to test your comprehension Expert scoring, analysis, and explanations online for two official College Board SAT Practice Tests Efficient Strategy "On Test Day" strategy notes in every math chapter so you don't lose sight of the fact that the SAT math test is primarily a strategy test. "Reflect" pages that help you evaluate your comfort level with the topics after completing each chapter and make a plan for improving before the test. Online study guidance helps you target your prep no matter how much time you have before the test. Kaplan's expert strategies for each test section, including special techniques for the optional essay. Expert Guidance We know the test: Our learning engineers have put tens of thousands of hours into studying the SAT, and use real data to design the most effective strategies and study plans. Kaplan's books and practice questions are written by veteran teachers who know students—every explanation is written to help you learn. We invented test prep—Kaplan (www.kaptest.com) has been helping students for 80 years, and more than 95% of our students get into their top-choice schools. Want even more practice questions, strategies and tips, and expert video lessons online? Try our biggest book available: SAT Total Prep 2021.