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Number Problems for Word People

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Pythagoras and the Ratios

Pythagorean Calculations, Pythagorean Word Problems, Solving for Side, Area and Perimeter Via the Pythagorean, and Solving for Complementary, Supplementary, Circle and Polygon Angles

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GED Basics in Mathematics John Wiley & Sons

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.

Number Problems for Word People Charlesbridge

An ancient Greek boy, Pythagoras, helps his cousins produce pleasant music when he adjusts the mathematical ratios between the part of their pipes and lyres, knowledge he would later use to become a famous philosopher.

Bossy Brocci's Algebra Hits Teacher Workbook Bloomsbury Publishing USA

Entertaining word problems that let verbal types master the language of math! Math is a universal language, but it's also the least understood and most undervalued subject taught in school. Two Trains Leave Paris: Number Problems for Word People offers an opportunity to experience math like never before. You must use the Pythagorean Theorem to figure out how far apart two ex-lovers are when they simultaneously realize that they cannot live without each other. You must use addition (and logic) to explore the ridiculous (and patriarchal!) wage gap. Throughout six math-themed chapters, readers will follow a series of characters as they apply for jobs, fall in love, get abducted by aliens, and experience many of life's other big and small moments, all of which are dictated by—you guessed it—math! With the help of humor, mathematical history, and how-to-solve sections, Two Trains Leave Paris asks readers to help its characters find growth in the most unexpected of places: word problems. And the answers are, of course, in the back.

Pythagoras and the Ratios McGraw Hill Professional

Considered to be the hardest mathematical problems to solve, word problems continue to terrify students across all math disciplines. This new title in the World Problems series demystifies these difficult problems once and for all by showing even the most math-phobic readers simple, step-by-step tips and techniques. How to Solve World Problems in Calculus reviews important concepts in calculus and provides solved problems and step-by-step solutions. Once students have mastered the basic approaches to solving calculus word problems, they will confidently apply these new mathematical principles to even the most challenging advanced problems. Each chapter features an introduction to a problem type, definitions, related theorems, and formulas. Topics range from vital pre-calculus review to traditional calculus first-course content. Sample problems with solutions and a 50-problem chapter are ideal for self-testing. Fully explained examples with step-by-step solutions. Pythagorean Calculations, Pythagorean Word Problems, Solving for Side, Area and Perimeter Via the Pythagorean, and Solving for Complementary, Supplementary, Circle and Polygon Angles Charlesbridge

This is a relatively short workbook focusing on the Pythagorean Theorem and its applications. The Pythagorean Theorem is actually not part of the Common Core Standards for seventh grade. The Common Core places it in eighth grade. However, I have included it in this curriculum because it is a traditional topic in pre-algebra. That way, Math Mammoth Grade 7 works as a full pre-algebra curriculum while fully meeting (and exceeding) the Common Core Standards for grade 7. First, students need to become familiar with square roots, so they can solve the equations that result from applying the Pythagorean Theorem. The first lesson of the workbook introduces taking a square root as the opposite operation to squaring a number. The lesson includes both applying a guess-and-check method and using a calculator to find the square root of a number. Next, students learn how

to solve simple equations that include taking a square root. This makes them fully ready to study the Pythagorean Theorem and apply it. The Pythagorean Theorem is introduced in the lesson by that name. Students learn to verify that a triangle is a right triangle by checking if it fulfills the Pythagorean Theorem. They apply their knowledge about square roots and solving equations to solve for an unknown side in a right triangle when two of the sides are given. Next, students solve a variety of geometric and real-life problems that require the Pythagorean Theorem. This theorem is extremely important in many practical situations. Students should show their work for these word problems to include the equation that results from applying the Pythagorean Theorem to the problem and its solution. There are literally hundreds of proofs for the Pythagorean Theorem. In this workbook, we present one easy proof based on geometry (not algebra). As an exercise, students are asked to supply the steps of reasoning to another geometric proof of the theorem, and for those interested, the lesson also provides an Internet link that has even more proofs of this theorem.

A 4,000-Year History Trafford Publishing

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Word Problems, Grade 8 Word Problems, Grade 8

Provides a simple approach to learning the mechanics of word-problem solving in geometry

The Pythagorean Theorem Courier Corporation

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Master the New York City High School Admissions Tests Abrams

"COMPASS Prep Flashcard Workbook 2: ALGEBRA REVIEW" 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

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A Math Adventure Carson-Dellosa Publishing

Simple Secrets and Savvy Strategies for Acing the SAT! Today's SAT is harder, longer, and more daunting than ever before, but students armed with the proven success strategies in this one-of-a-kind study program will have all the skills and confidence they need to ace it! Renowned test prep expert Lisa Muehle explains every detail of the SAT, including what to expect and how the questions will look, ways to carefully manage time, and techniques to greatly enhance performance. She shows students how to reduce stress and minimize test anxiety, boost concentration and focus, and increase speed and accuracy. This well-illustrated edition covers the Mathematics section of the SAT with chapters on essential topics such as arithmetic and basic math; algebra; coordinate geometry and graphs in a coordinate plane; plane and solid geometry; data charts; miscellaneous math topics; and classic word problems. This indispensable guide includes: A suggested study plan as test day approaches (both an eight-week and a four-week version) A detailed breakdown of the math scoring procedure for multiple-choice and grid-in response problems A straightforward explanation of the

SAT guessing penalty Tools and hints for educated guessing and avoiding attractive but wrong answer choices A smart approach to grid-in problems Tips, pointers, and step-by-step key sequences for using a graphing calculator to solve advanced algebra problems Success Strategy sidebars with seasoned advice and practical equations Sample sets for practicing new and classic SAT math problems with thorough explanations of the solutions Together with its companion guide, Strategies for Success on the SAT: Critical Reading and Writing Sections this is the comprehensive program for mastering the SAT and gaining admission into the top universities.

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Elementary Algebra John Wiley & Sons

Elementary Algebra covers: Signed Number and Real Number Operations; Order of Operations and Evaluation of Expressions; Exponential Notation and Rules of Exponents; Polynomial addition, subtraction, multiplication, and division; Solving First Degree Equations; Word Problems; Ratio and Proportion; Factoring Polynomials; Solving quadratic equations by factoring & applications; Graphs, Slopes, Intercepts and Equations of Straight Lines; Solving Systems of Linear Equations and Word Problems; Radicals, square roots, addition & multiplication of radicals; Pythagorean Theorem and Applications; Areas and Perimeters; Algebraic Fractions (reduction, multiplication, division & addition); Solving Linear inequalities.

How to Solve Word Problems in Calculus Macrobiotic Healing

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The Pythagorean Theorem Oswaal Books and Learning Private Limited

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Bossy Brocci's Algebra Hits Student Workbook Ace Academics Inc.

Veteran math author Rebecca Wingard-Nelson teaches students how to conquer tricky geometry

word problems using examples from a teen's modern life. Word problems don't have to be a problem. Free downloadable worksheets are available for this book on www.enslow.com.

Elementary Algebra iUniverse

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