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KEY=TRINOMIALS - BATES ALVARADO

BEGINNING AND INTERMEDIATE ALGEBRA

Createspace Independent Publishing Platform *Get Better Results with high quality content, exercise sets, and step-by-step pedagogy! Tyler Wallace continues to offer an enlightened approach grounded in the fundamentals of classroom experience in Beginning and Intermediate Algebra. The text reflects the compassion and insight of its experienced author with features developed to address the specific needs of developmental level students. Throughout the text, the author communicates to students the very points their instructors are likely to make during lecture, and this helps to reinforce the concepts and provide instruction that leads students to mastery and success. The exercises, along with the number of practice problems and group activities available, permit instructors to choose from a wealth of problems, allowing ample opportunity for students to practice what they learn in lecture to hone their skills. In this way, the book perfectly complements any learning platform, whether traditional lecture or distance-learning; its instruction is so reflective of what comes from lecture, that students will feel as comfortable outside of class as they do inside class with their instructor.*

INTERMEDIATE ALGEBRA 2E

ALGEBRA I WORKBOOK FOR DUMMIES

John Wiley & Sons *The grade-saving Algebra I companion, with hundreds of additional practice problems online Algebra I Workbook For Dummies is your solution to the Algebra brain-block. With hundreds of practice and example problems mapped to the typical high school Algebra class, you'll crack the code in no time! Each problem includes a full explanation so you can see where you went wrong—or right—every step of the way. From fractions to FOIL and everything in between, this guide will help you grasp the fundamental concepts you'll use in every other math class you'll ever take. This new third edition includes access to an online test bank,*

where you'll find bonus chapter quizzes to help you test your understanding and pinpoint areas in need of review. Whether you're preparing for an exam or seeking a start-to-finish study aid, this workbook is your ticket to acing algebra. Master basic operations and properties to solve any problem. Simplify expressions with confidence. Conquer factoring and wrestle equations into submission. Reinforce learning with online chapter quizzes. Algebra I is a fundamentally important class. What you learn here will follow you throughout Algebra II, Trigonometry, Calculus, and beyond, including Chemistry, Physics, Biology, and more. Practice really does make perfect—and this guide provides plenty of it. Study, practice, and score high!

ELEMENTARY ALGEBRA

Cengage Learning 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.

ELEMENTARY ALGEBRA

Academic Press Elementary Algebra 2e, Second Edition focuses on the basic principles, operations, and approaches involved in elementary algebra. The book first tackles the basics, linear equations and inequalities, and graphing and linear systems. Discussions focus on the substitution method, solving linear systems by graphing, solutions to linear equations in two variables, multiplication property of equality, word problems, addition property of equality, and subtraction, addition, multiplication, and division of real numbers. The manuscript then examines exponents and polynomials, factoring, and rational expressions. Topics include dividing a polynomial by a polynomial, addition and subtraction of rational expressions, complex fractions, greatest common factor, factoring trinomials, quadratic equations, and division with exponents. The text takes a look at roots and radicals and more quadratic equations, including complex numbers, complex solutions to quadratic equations, graphing parabolas, fractional exponents, and ratio and proportion. The publication is a dependable reference for students and researchers interested in elementary algebra.

U CAN: ALGEBRA I FOR DUMMIES

John Wiley & Sons Conquer Algebra I with these key lessons, practice problems, and easy-to-follow examples. Algebra can be challenging. But you no longer need to be vexed by variables. With *U Can*, studying the key concepts from your class just got easier than ever before. Simply open this book to find help on all the topics in your Algebra I class. You'll get clear content review, step-by-step examples, and hundreds of practice problems to help you really understand and retain each concept. Stop feeling intimidated and start getting higher scores in class. All your course topics broken down into individual lessons Step-by-step example problems in every practice section Hundreds of practice problems allow you to put your new skills to work immediately FREE online access to 1,001 MORE Algebra I practice problems

POLYNOMIAL PROBLEMS

ALGEBRA II

Milliken Publishing Company This easy-to-use packet is chock full of stimulating activities that will jumpstart your students' interest in algebra while reinforcing major concepts. A variety of puzzles, games, and worksheets will challenge students as they multiply, divide, and factor polynomials. A special assessment page to help prepare students for standardized tests and an answer key are also included.

BEGINNING ALGEBRA

A TEXT/WORKBOOK

Elsevier *Beginning Algebra: A Text/Workbook, Second Edition* focuses on the principles, operations, and approaches involved in algebra. The publication first elaborates on the basics, linear equations and inequalities, and graphing and linear systems. Discussions focus on solving linear systems by graphing, elimination method, graphing ordered pairs and straight lines, linear and compound inequalities, addition and subtraction of real numbers, and properties of real numbers. The text then examines exponents and polynomials, factoring, and rational expressions. Topics include multiplication and division of rational expressions, equations involving rational expressions, dividing a polynomial by a polynomial, factoring trinomials, greatest common factor, operations with monomials, addition and subtraction of polynomials, and binomial squares and other special products. The book takes a look at more quadratic equations and roots and radicals, including multiplication and division of radicals, equations involving radicals, quadratic formula, complex solutions to quadratic equations, and graphing parabolas. The publication is a dependable reference for students and researchers interested in algebra.

ELEMENTARY ALGEBRA 2E

CLIFFSNOTES ALGEBRA I PRACTICE PACK

John Wiley & Sons Reviews algebra topics with problems and solutions throughout,

and includes a customized adaptable full-length exam.

CLIFFSSTUDYSOLVER: ALGEBRA II

Houghton Mifflin Harcourt *The CliffsStudySolver workbooks combine 20 percent review material with 80 percent practice problems (and the answers!) to help make your lessons stick. CliffsStudySolver Algebra II is for students who want to reinforce their knowledge with a learn-by-doing approach. Inside, you'll get the practice you need to factor and solve equations with handy tools such as Straightforward, concise reviews of every topic Practice problems in every chapter — with explanations and solutions A diagnostic pretest to assess your current skills A full-length exam that adapts to your skill level Beginning with the rules for exponents and operations involving polynomials, this workbook ventures into quadratic equations, function transformations, rational root theorem, and more. You'll explore factoring by grouping, graphing, complex numbers, and hyperbola, plus details about Solving exponential and logarithmic equations Using a graphing calculator to graph lines and polynomials Dealing with story problems using systems of equations Performing scalar and matrix multiplication Factoring binomials, trinomials, and other polynomials Practice makes perfect — and whether you're taking lessons or teaching yourself, CliffsStudySolver guides can help you make the grade.*

ALGEBRA: THEMES, TOOLS, CONCEPTS -- TEACHERS' EDITION

Henri Picciotto, MathEducationPage.org

LET'S PLAY MATH

HOW FAMILIES CAN LEARN MATH TOGETHER—AND ENJOY IT

Tabletop Academy Press

ALGEBRA I ALL-IN-ONE FOR DUMMIES

John Wiley & Sons *Solve for 'X' with this practical and easy guide to everything algebra A solid understanding of algebra is the key to unlocking other areas of math and science that rely on the concepts and skills that happen in a foundational Algebra class. Algebra I All-In-One For Dummies is the key! With it, you'll get everything you need to solve the mystery of Algebra I. This book proves that algebra is for everyone with straightforward, unit-based instruction, hundreds of examples and practice problems, and two quizzes for every chapter - one in the book and another (totally different!) online. From graph and word problems to the FOIL method and common algebra terminology, Algebra I All-In-One For Dummies walks you step-by-step through ALL the concepts you need to know to slay your Algebra I class. In this handy guide, you'll also: Receive instruction and tips on how to handle basic and intermediate algebraic tasks such as factoring and equation simplification Banish math anxiety forever by developing an intuitive understanding of how algebra works Get a handle on graphing problems and functions, as well as inequalities and word problems Algebra I All-In-One For Dummies is a must-read for Algebra students looking for an everything-in-one-book supplement to their*

coursework, as well as anyone hoping to brush up on their math before tackling a related subject, such as physics, chemistry, or a more advanced math topic.

MATHEMATICS

MATHEMATICS

PRECALCULUS: A FUNCTIONAL APPROACH TO GRAPHING AND PROBLEM SOLVING

Jones & Bartlett Publishers Every New Copy of *Precalculus: A Functional Approach to Graphing and Problem Solving* Includes Access to the Student Companion Website! *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!

INTERMEDIATE ALGEBRA: ALGEBRA WITHIN REACH

Cengage Learning Larson IS student success. *INTERMEDIATE ALGEBRA: ALGEBRA WITHIN REACH* owes its success to the hallmark features for which the Larson team is known: learning by example, a straightforward and accessible writing style, emphasis on visualization through the use of graphs to reinforce algebraic and numeric solutions and to interpret data, and comprehensive exercise sets. These pedagogical features are carefully coordinated to ensure that students are better able to make connections between mathematical concepts and understand the content. With a bright, appealing design, the new Sixth Edition builds on the Larson tradition of guided learning by incorporating a comprehensive range of student success materials to help develop students' proficiency and conceptual understanding of algebra. The text also continues coverage and integration of geometry in examples and exercises. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

PRACTICAL ALGEBRA

A SELF-TEACHING GUIDE

John Wiley & Sons *Practical Algebra* If you studied algebra years ago and now need a refresher course in order to use algebraic principles on the job, or if you're a student who needs an introduction to the subject, here's the perfect book for you. *Practical Algebra* is an easy and fun-to-use workout program that quickly puts you in command of all the basic concepts and tools of algebra. With the aid of practical, real-life

examples and applications, you'll learn: * The basic approach and application of algebra to problemsolving * The number system (in a much broader way than you have known it from arithmetic) * Monomials and polynomials; factoring algebraic expressions; how to handle algebraic fractions; exponents, roots, and radicals; linear and fractional equations * Functions and graphs; quadratic equations; inequalities; ratio, proportion, and variation; how to solve word problems, and more Authors Peter Selby and Steve Slavin emphasize practical algebra throughout by providing you with techniques for solving problems in a wide range of disciplines--from engineering, biology, chemistry, and the physical sciences, to psychology and even sociology and business administration. Step by step, *Practical Algebra* shows you how to solve algebraic problems in each of these areas, then allows you to tackle similar problems on your own, at your own pace. Self-tests are provided at the end of each chapter so you can measure your mastery.

ALGEBRA

THEMES, TOOLS, CONCEPTS

Henri Picciotto

ALGEBRA SIMPLIFIED - BEGINNER & INTERMEDIATE

Lulu.com

ELEMENTARY AND INTERMEDIATE ALGEBRA: A COMBINED APPROACH

Cengage Learning Master the fundamentals of algebra with Kaufmann and Schwitters' *ELEMENTARY AND INTERMEDIATE ALGEBRA: A COMBINED APPROACH*, Sixth Edition. Learn from clear and concise explanations, many examples, and numerous problem sets in an easy-to-read format. The book's Learn, Use and Apply formula helps you learn a skill, use the skill to solve equations, and then apply it to solve application problems. This simple, straightforward approach helps you understand and apply the key problem-solving skills necessary for success in algebra and beyond. Access to Enhanced WebAssign and the Cengage YouBook is sold separately. To learn more and find value bundles, visit: www.cengagebrain.com and search for ISBN: 0840053142. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

ACHIEVING YOUR BEST IN MATH CLASS

Lulu.com This collection of self-guided lessons includes the essential skills that are needed to be successful in any mathematics class at the middle school, high school, and post-secondary levels. Students who are struggling in math class, as well as students who want to maximize their abilities in class, will find these easy to implement strategies effective and practical. Each lesson includes practice problems to master the concepts and employ them into everyday practice. The strategies are divided into three units, each focusing on different aspects of achievement. The first unit includes organization, note taking, and techniques to study mathematics. Unit II includes problem-solving techniques that can be applied in any mathematics class,

and the last unit provides techniques to maximize scores on any assessment from quizzes to final exams and even the SATs.

ACHIEVING YOUR BEST ON MATH TESTS

Lulu.com This collection of lessons includes the essential skills that are needed to be successful on any mathematics assessment. Students who are struggling in math class, as well as students who want to maximize their test scores, will find these easy to implement strategies effective and practical. Each lesson includes practice problems to master the concepts and employ them into everyday practice. The strategies are divided into three units, each focusing on different aspects of achievement. The first unit includes problem-solving techniques that can be applied in any mathematics class, the second unit provides techniques to maximize scores on any multiple choice assessment from quizzes to final exams and even the SATs, and the final unit teaches students how to break down and answer open-ended questions.

WRITING MATH RESEARCH PAPERS - 5TH ED.

A GUIDE FOR HIGH SCHOOL STUDENTS AND INSTRUCTORS

IAP Mathematics research papers provide a forum for all mathematics enthusiasts to exercise their mathematical experience, expertise and excitement. The research paper process epitomizes the differentiation of instruction, as each student chooses their own topic and extends it as far as their motivation and desire takes them. The features and benefits of the research paper process offer a natural alignment with all eight Common Core State Standards for Mathematical Practice. Writing Math Research Papers serves both as a text for students and as a resource for instructors and administrators. The Writing Math Research Papers program started at North Shore High School in 1991, and it received the 1997 Chevron Best Practices in Education Award as the premier high school math course in the United States. Author Robert Gerver's articles on high school mathematics research programs were featured in the National Council of Teachers of Mathematics publication *Developing Mathematically Promising Students*, the NCTM's 1999 Yearbook, *Developing Mathematical Reasoning in Grades K - 12*, and in the September 2017 issue of the *Mathematics Teacher*.

INTERMEDIATE ALGEBRA

Academic Press *Intermediate Algebra, Third Edition* focuses on operations, principles, and approaches involved in intermediate algebra. The manuscript first ponders on basic properties and definitions, linear equations and inequalities in one variable, and exponents and polynomials. Discussions focus on factoring trinomials, special factoring, solving equations by factoring, linear equations in one variable, equations with absolute value, simple and compound inequalities, and addition and subtraction of real numbers. The text then ponders on rational expressions, rational exponents and roots, and quadratic equations. Topics include additional items involving solutions to equations, quadratic inequalities, completing the square,

simplified form for radicals, addition and subtraction of radical expressions, basic properties and reducing to lowest terms, multiplication and division of rational expressions, and division of polynomials. The book takes a look at sequences and series, logarithms, relations and functions, and conic sections, including ellipses and hyperbolas, nonlinear systems, inverse of a function, relations and functions, and series and summation notation. The publication is a dependable reference for students and researchers interested in intermediate algebra.

ELEMENTARY AND INTERMEDIATE ALGEBRA

Cengage Learning Algebra can be like a foreign language, but **ELEMENTARY AND INTERMEDIATE ALGEBRA, 5E**, gives you the tools and practice you need to fully understand the language of algebra and the why behind problem solving. Using Strategy and Why explanations in worked examples and a six-step problem solving strategy, **ELEMENTARY AND INTERMEDIATE ALGEBRA, 5E**, will guide you through an integrated learning process that will expand your reasoning abilities as it teaches you how to read, write, and think mathematically. Feel confident about your skills through additional practice in the text and Enhanced WebAssign. With **ELEMENTARY AND INTERMEDIATE ALGEBRA, 5E**, algebra will make sense because it is not just about the x ...it's also about the WHY. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

INTERMEDIATE ALGEBRA

Cengage Learning 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.

ALGEBRA FOR COLLEGE STUDENTS

Cengage Learning 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.

ELEMENTARY ALGEBRA

Cengage Learning *The main focus of ELEMENTARY ALGEBRA, 5e, is to address the fundamental needs of today's developmental math students. Offering a uniquely modern, balanced program, ELEMENTARY ALGEBRA, 5e, integrates conceptual understanding with traditional skill and practice reinforced through visual and interactive practice in Enhanced WebAssign, available exclusively from Cengage Learning. By helping students understand the language of algebra and the why behind problem solving through instructional approaches and worked examples, they are better equipped to succeed at the how. Practice is essential in making these connections and it is emphasized in ELEMENTARY ALGEBRA, 5e, with additional practice problems both in the text and Enhanced WebAssign. Give your students confidence by showing them how Algebra is not just about the x it's also about the WHY. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.*

FUNDAMENTALS OF MATH

ALGEBRA 1

AuthorHouse

THE HUMONGOUS BOOK OF ALGEBRA PROBLEMS

Penguin *When the numbers just don't add up... Following in the footsteps of the successful The Humongous Books of Calculus Problems, bestselling author Michael Kelley has taken a typical algebra workbook, and made notes in the margins, adding missing steps and simplifying concepts and solutions. Students will learn how to interpret and solve 1000 problems as they are typically presented in algebra courses—and become prepared to solve those problems that were never discussed in class but always seem to find their way onto exams. Annotations throughout the text clarify each problem and fill in missing steps needed to reach the solution, making this book like no other algebra workbook on the market.*

ALGEBRA 1

STUDENT PRACTICE WORKBOOK + TWO FULL-LENGTH ALGEBRA 1 EXAMS

WWW.MathNotion.com *Get the Targeted Practice You Need to Ace the Algebra 1 Exam! Algebra 1 includes easy-to-follow instructions, helpful examples, and plenty of algebraic practice problems to assist students to master each concept, brush up on their problem-solving skills, and create confidence. The Algebra 1 practice book provides numerous opportunities to evaluate basic skills along with abundant remediation and intervention activities. It is a skill that permits you to quickly master intricate information and produce better leads in less time. Students can boost their test-taking skills by taking the book's two practice college algebra tests. All test questions answered and explained in detail. Important Features of the Algebra 1 Book: A complete review of algebra 1 exam topics, Over 2,500 practice problems covering all topics tested, The most important concepts you need to know, Clear and concise, easy-to-follow sections, Well designed for enhanced learning and interest, Hands-on experience with all question types, 2 full-length practice tests with detailed answer explanations, Cost-Effective Pricing, Powerful algebra exercises to help you avoid traps and pacing yourself to beat the Algebra 1 exam. Students will gain valuable experience and raise their confidence by taking algebra 1 practice tests, learning about test structure, and gaining a deeper understanding of what is tested on algebra 1. If ever there was a book to respond to the pressure to increase students' exam scores, this is it. Published By: The Math Notion*
www.mathnotion.com

ELEMENTARY AND INTERMEDIATE ALGEBRA: ALGEBRA WITHIN REACH

Cengage Learning *Larson IS student success. ELEMENTARY AND INTERMEDIATE ALGEBRA: ALGEBRA WITHIN REACH owes its success to the hallmark features for which the Larson team is known: learning by example, a straightforward and accessible writing style, emphasis on visualization through the use of graphs to reinforce algebraic and numeric solutions and to interpret data, and comprehensive exercise sets. These pedagogical features are carefully coordinated to ensure that students are better able to make connections between mathematical concepts and understand the content. With a bright, appealing design, the new Sixth Edition builds on the Larson tradition of guided learning by incorporating a comprehensive range of student success materials to help develop students' proficiency and conceptual understanding of algebra. The text also continues coverage and integration of geometry in examples and exercises. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.*

ALGEBRA 1

CHUCKLES THE ROCKET DOG - A COMPANIONABLE GUIDE TO

POLYNOMIALS AND QUADRATICS - STUDENT TEXT AND WORKBOOK

Arbor Center for Teaching *Volume III of a writing-based, common sense, whimsical & engaging introduction to algebra for middle-grade math students.*

ELEMENTARY ALGEBRA: ALGEBRA WITHIN REACH

Cengage Learning *Larson IS student success. ELEMENTARY ALGEBRA: ALGEBRA WITHIN REACH owes its success to the hallmark features for which the Larson team is known: learning by example, a straightforward and accessible writing style, emphasis on visualization through the use of graphs to reinforce algebraic and numeric solutions and to interpret data, and comprehensive exercise sets. These pedagogical features are carefully coordinated to ensure that students are better able to make connections between mathematical concepts and understand the content. With a bright, appealing design, the new Sixth Edition builds on the Larson tradition of guided learning by incorporating a comprehensive range of student success materials to help develop students' proficiency and conceptual understanding of algebra. The text also continues coverage and integration of geometry in examples and exercises. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.*

INTERMEDIATE ALGEBRA

Cengage Learning *Intermediate Algebra offers a practical approach to the study of intermediate algebra concepts, consistent with the needs of today's student. The authors help students to develop a solid understanding of functions by revisiting key topics related to functions throughout the text. They put special emphasis on the worked examples in each section, treating them as the primary means of instruction, since students rely so heavily on examples to complete assignments. The applications (both within the examples and exercises) are also uniquely designed so that students have an experience that is more true to life--students must read information as it appears in headline news sources and extract only the relevant information needed to solve a stated problem. The unique pedagogy in the text focuses on promoting better study habits and critical thinking skills along with orienting students to think and reason mathematically. Through Intermediate Algebra, students will not only be better prepared for future math courses, they will be better prepared to solve problems and answer questions they encounter in their own lives. Available with InfoTrac Student Collections <http://gocengage.com/infotrac>. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.*

INTERMEDIATE ALGEBRA

A TEXT/WORKBOOK

Academic Press *Intermediate Algebra: A Text/Workbook, Second Edition focuses on the principles, operations, and approaches involved in intermediate algebra. The publication first takes a look at basic properties and definitions, first-degree*

equations and inequalities, and exponents and polynomials. Discussions focus on properties of exponents, polynomials, sums, and differences, multiplication of polynomials, inequalities involving absolute value, word problems, first-degree inequalities, real numbers, opposites, reciprocals, and absolute value, and addition and subtraction of real numbers. The text then examines rational expressions, quadratic equations, and rational expressions and roots. Topics include completing the square, quadratic formula, multiplication and division of radical expressions, equations with radicals, basic properties and reducing to lowest terms, and addition and subtraction of rational expression. The book takes a look at logarithms, relations and functions, conic sections, and systems of linear equations, including introduction to determinants, systems of linear equations in three variables, ellipses and hyperbolas, nonlinear systems, function notation, inverse of a function, and exponential equations and change of base. The publication is a valuable reference for students and researchers interested in intermediate algebra.

ALGEBRA, GRADES 6 - 9

Carson-Dellosa Publishing Help students in grades 6-9 master the skills necessary to succeed in algebra using *Algebra*. This 128-page book allows for differentiated instruction so that each student can learn at his or her own pace. It is perfect for extra practice at home or school and includes more than 100 pages of exciting activities! The activities cover skills such as operations with real numbers, variables and equations, factoring, rational expressions, ratios and proportions, graphing, and radicals. The book includes 96 durable flash cards and an award certificate.