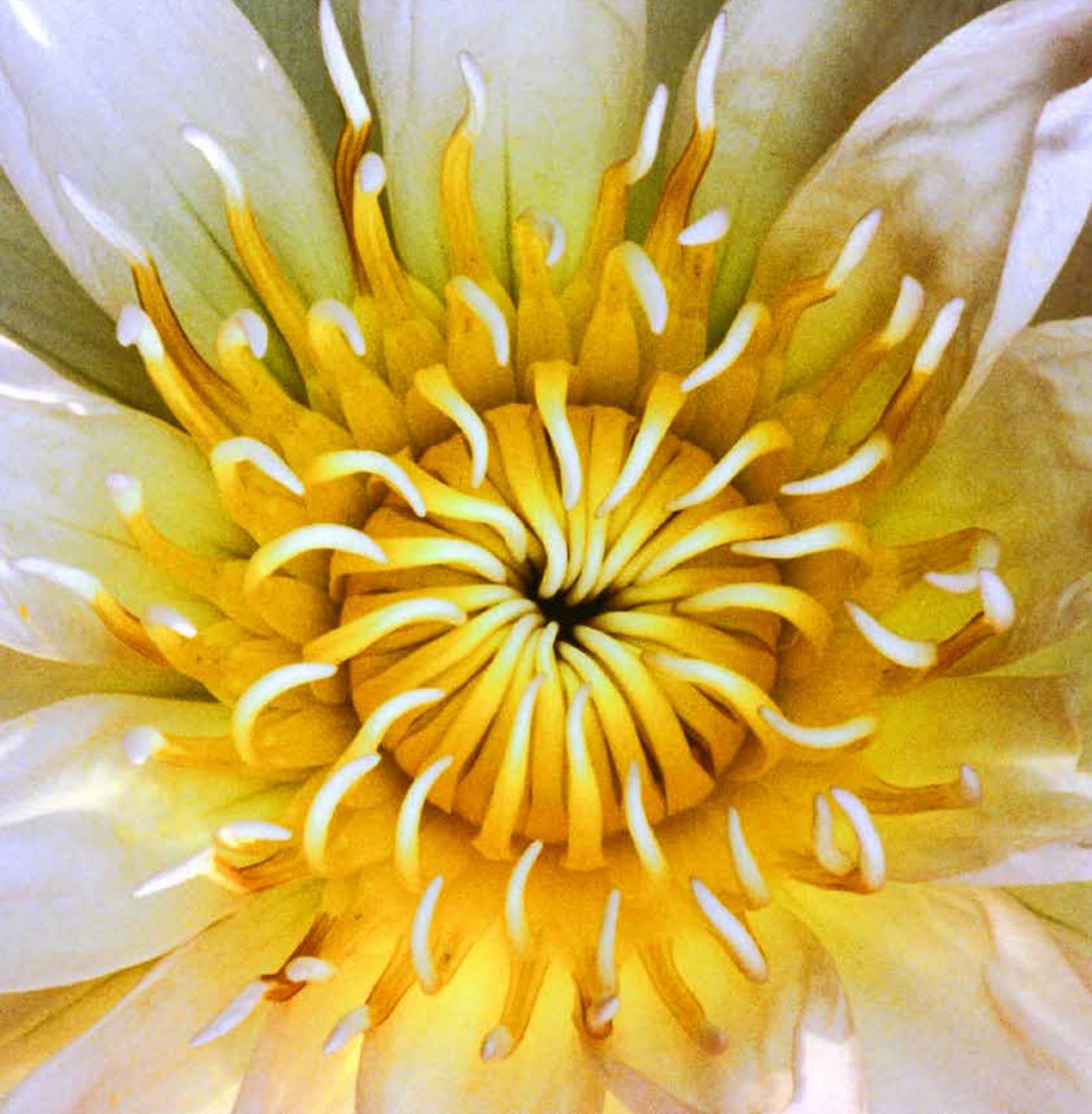
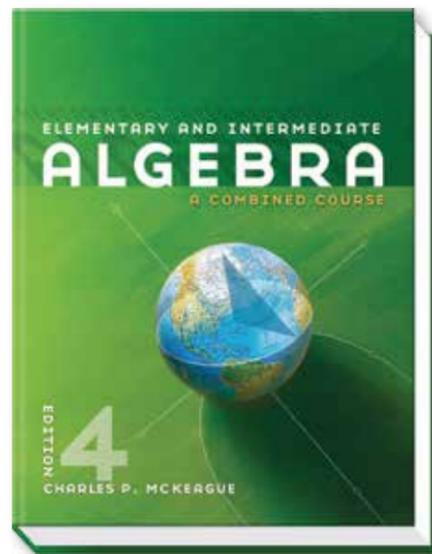


Mathematics

An Advanced and Electives Catalog





Elementary and Intermediate Algebra

McKeague

Grades 9–12

Fourth Edition © 2012

Give your students the text that makes algebra accessible and engaging—McKeague's *Elementary and Intermediate Algebra* continues to provide students with a thorough grounding in the concepts central to their success in mathematics. Attention to detail, an exceptionally clear writing style, and continuous review and reinforcement are McKeague hallmarks that constitute the solid foundation of the text, while new pedagogy helps students "bridge the concepts." These "bridges" guide students and help them make successful connections from concept to concept.

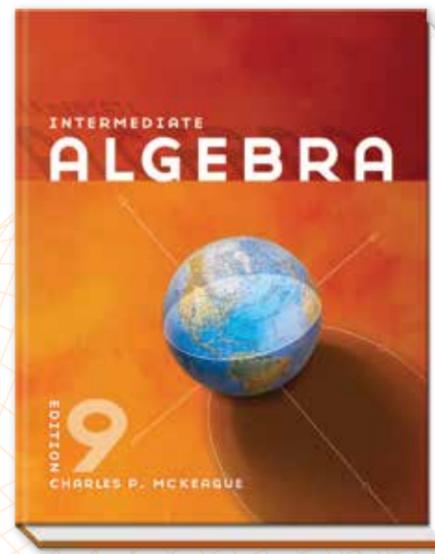
Hardcover, 928 pages

TABLE OF CONTENTS

- | | |
|--------------------------------------|---|
| 1. The Basics | 8. Equations and Functions |
| 2. Linear Equations and Inequalities | 9. Rational Exponents and Roots |
| 3. Graphing and Systems Of Equations | 10. Quadratic Functions |
| 4. Exponents and Polynomials | 11. Exponential and Logarithmic Functions |
| 5. Factoring | 12. Conic Sections |
| 6. Rational Expressions | 13. Sequences and Series |
| 7. Transitions | |

Elementary and Intermediate Algebra, Fourth Edition © 2012

ISBN 13	Product	Price
978-0-840-06419-6	Student Edition	198.50
978-1-111-57509-0	Student Workbook	57.75
978-1-111-57508-3	Student Solutions Manual	62.50
978-1-111-42784-9	Instructor's Annotated Edition	198.50
978-1-111-57492-5	Complete Solutions Manual	25.00
978-1-111-57486-4	PowerLecture CD-ROM with ExamView® Testing	57.50
978-1-111-57163-4	DVD Program	132.75



Intermediate Algebra

McKeague

Grades 9–12

Ninth Edition © 2012

Intermediate Algebra is one of the most current and reliable texts you will find for the course, and is ideally structured and organized for a lecture format.

Intermediate Algebra, like all math courses, builds up cumulatively from concept to concept. However, many students encounter difficulty in making connections among mathematical concepts. Therefore, McKeague integrates new pedagogy to guide students as they discover relationships between concepts. This helps students master the cumulative concepts in the course while crossing the "bridge" into the next level of mathematics and other course work.

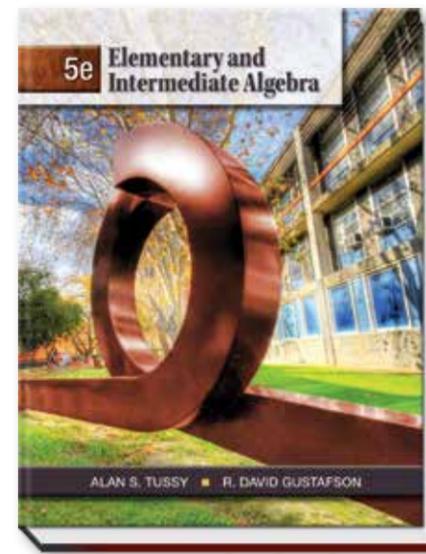
Hardcover, 784 pages

TABLE OF CONTENTS

- | | |
|---|--|
| 1. Basic Properties and Definitions | 6. Rational Expressions and Rational Functions |
| 2. Equations And Inequalities in One Variable | 7. Rational Exponents and Roots |
| 3. Equations and Inequalities in Two Variables | 8. Quadratic Functions |
| 4. Systems of Linear Equations and Inequalities | 9. Exponential and Logarithmic Functions |
| 5. Exponents and Polynomials | 10. Conic Sections |
| | 11. Sequence and Series |

Intermediate Algebra, Ninth Edition © 2012

ISBN 13	Product	Price
978-0-840-06420-2	Student Edition	174.50
978-1-111-57484-0	Student Workbook	38.25
978-1-111-57159-7	Student Solutions Manual	63.75
978-1-111-56775-0	Instructor's Annotated Edition	183.50
978-1-111-57160-3	Complete Solutions Manual	32.75
978-1-111-57493-2	PowerLecture CD-ROM with ExamView Testing	57.50
978-1-111-57152-8	DVD Program	456.50



Elementary and Intermediate Algebra

Tussy ■ Gustafson

Grades 9–12

Fifth Edition © 2013

The main focus of *Elementary and Intermediate Algebra*, Fifth Edition, is to address the fundamental needs of today's developmental math students by offering a uniquely modern, balanced program, that integrates conceptual understanding with traditional skill and practice. 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." Give your students confidence by showing them how Algebra is not just about the "x"...it's also about the WHY.

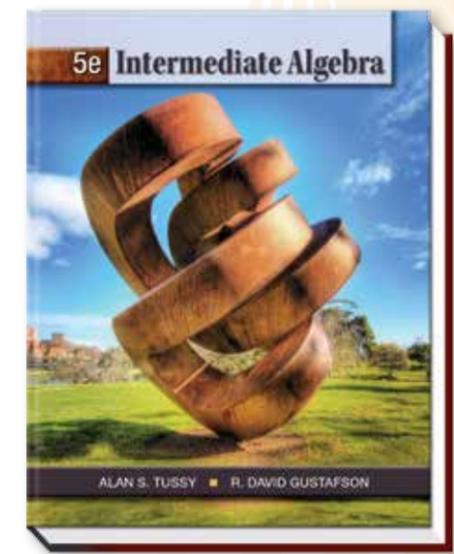
Hardcover, 1,280 pages

TABLE OF CONTENTS

- | | |
|---|--|
| 1. An Introduction to Algebra | 7. Rational Expressions and Equations |
| 2. Equations, Inequalities, and Problem Solving | 8. Transition to Intermediate Algebra |
| 3. Graphing Linear Equations and Inequalities in Two Variables; Functions | 9. Radical Expressions and Equations |
| 4. Systems of Linear Equations and Inequalities | 10. Quadratic Equations, Functions, and Inequalities |
| 5. Exponents and Polynomials | 11. Exponential and Logarithmic Functions |
| 6. Factoring and Quadratic Equations | 12. More on Systems of Equations |
| | 13. Conic Sections; More Graphing |
| | 14. Miscellaneous Topics |

Elementary and Intermediate Algebra, Fifth Edition © 2013

ISBN 13	Product	Price
978-1-111-56768-2	Student Edition	198.50
978-1-111-98783-1	Student Workbook	60.00
978-1-111-57847-3	Student Solutions Manual	83.75
978-1-111-57836-7	Instructor's Annotated Edition	198.50
978-1-111-57848-0	Complete Solutions Manual	25.00
978-1-111-98824-1	PowerLecture CD-ROM with ExamView Testing	57.50



Intermediate Algebra

Tussy ■ Gustafson

Grades 9–12

Fifth Edition © 2013

The main focus of *Intermediate Algebra*, Fifth Edition, is to address the fundamental needs of today's developmental math students by offering a uniquely modern, balanced program that integrates conceptual understanding with traditional skill and practice. By helping students understand the language of algebra and the "why" behind problem solving, they are better equipped to succeed at the "how." A new six-step problem-solving strategy better delineates the thought process students use as they solve application problems: Analyze the problem, Assign a variable, Form an equation, Solve the equation, State the conclusion, and Check the result.

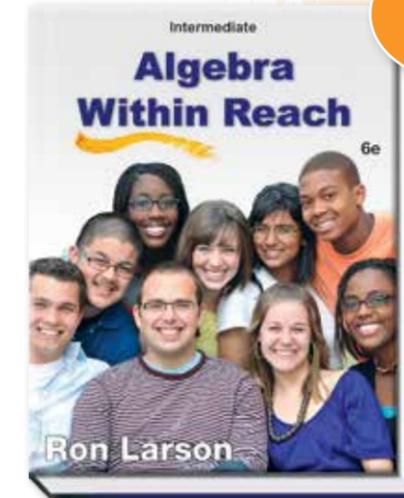
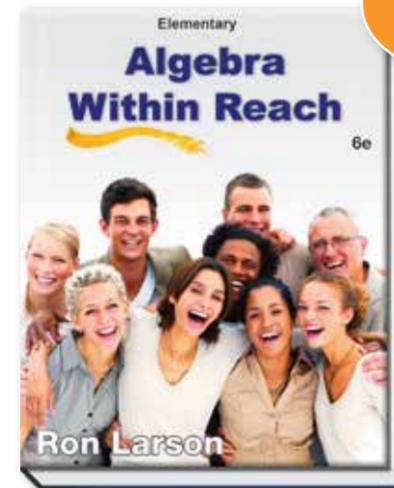
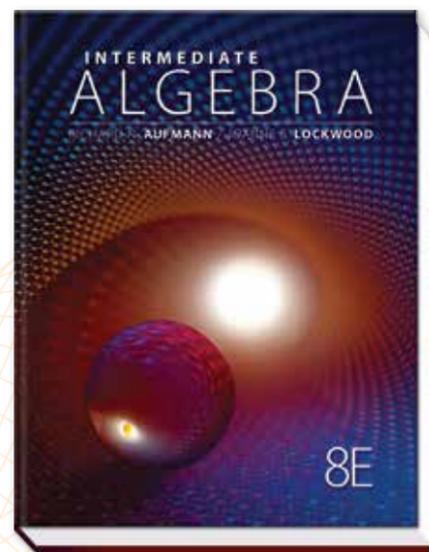
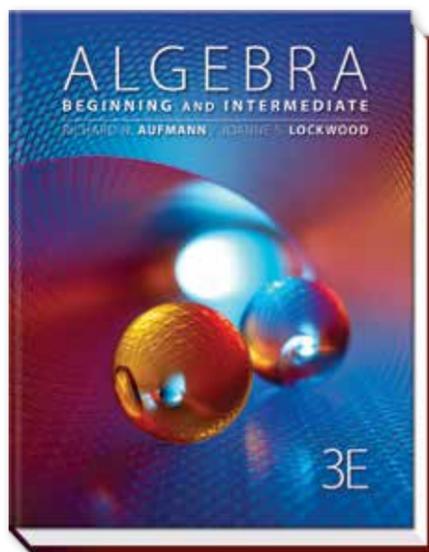
Hardcover, 1,040 pages

TABLE OF CONTENTS

- | | |
|---|---|
| 1. A Review of Basic Algebra | 6. Rational Expressions and Equations |
| 2. Graphs, Equations of Lines, and Functions | 7. Radical Expressions and Equations |
| 3. Systems of Equations | 8. Quadratic Equations, Functions, and Inequalities |
| 4. Inequalities | 9. Exponential and Logarithmic Functions |
| 5. Exponents, Polynomials, and Polynomial Functions | 10. Conic Sections; More Graphing |
| | 11. Miscellaneous Topics |

Intermediate Algebra, Fifth Edition © 2013

ISBN 13	Product	Price
978-1-111-56767-5	Student Edition	184.25
978-1-111-98764-0	Student Workbook	37.00
978-1-111-98758-9	Student Solutions Manual	56.75
978-1-111-57735-3	Instructor's Annotated Edition	184.25
978-1-111-98759-6	Complete Solutions Manual	25.00
978-1-111-98825-8	PowerLecture CD-ROM with ExamView Testing	57.50



Algebra: Beginning and Intermediate

Aufmann ■ Lockwood

Grades 9–12 | Third Edition © 2013

Intended for combined introductory and intermediate algebra courses, this text retains the hallmark features that have made the Aufmann texts market leaders: an interactive approach in an objective-based framework; a clear writing style; and an emphasis on problem-solving strategies. The acclaimed Aufmann Interactive Method allows students to try a skill as it is introduced with matched-pair examples offering students immediate feedback, reinforcing the concept, identifying problem areas, and, overall, promoting student success.

Hardcover, 816 pages

TABLE OF CONTENTS

- | | |
|---|---|
| 1. Real Numbers and Variable Expressions | 7. Rational Expressions |
| 2. Solving Equations and Inequalities | 8. Rational Exponents and Radicals |
| 3. Linear Functions and Inequalities in Two Variables | 9. Quadratic Equations and Inequalities |
| 4. Systems of Equations and Inequalities | 10. Functions and Relations |
| 5. Polynomials | 11. Exponential and Logarithmic Functions |
| 6. Factoring | 12. Conic Sections |

Algebra: Beginning and Intermediate, Third Edition © 2013

ISBN 13	Product	Price
978-1-111-57950-0	Student Edition	198.50
978-1-133-11533-5	Student Workbook	34.25
978-1-133-49131-6	Student Solutions Manual	54.75
978-1-111-98931-6	Instructor's Annotated Edition	198.50
978-1-133-36378-1	Instructor's Resource Binder	50.00
978-1-133-11531-1	Instructor's Solutions Manual	25.00
978-1-133-36403-0	PowerLecture CD-ROM with ExamView Testing	50.00

Intermediate Algebra

Aufmann ■ Lockwood

Grades 9–12 | Eighth Edition © 2013

Based on the best-selling series by the Aufmann team, this hardcover text for the intermediate algebra course adheres to the formula that has made the Aufmann developmental texts so reliable for both students and instructors. The acclaimed Aufmann Interactive Method allows students to try a skill as it is introduced with matched-pair examples, offering students immediate feedback, reinforcing the concept, identifying problem areas, and, overall, promoting student success.

Hardcover, 816 pages

TABLE OF CONTENTS

- | | |
|---|---|
| 1. Review of Real Numbers | 7. Rational Exponents and Radicals |
| 2. First Degree Equations and Inequalities | 8. Quadratic Equations and Inequalities |
| 3. Linear Functions and Inequalities in Two Variables | 9. Functions and Relations |
| 4. Systems of Equations and Inequalities | 10. Exponential and Logarithmic Functions |
| 5. Polynomials and Exponents | 11. Sequences and Series |
| 6. Rational Expressions | 12. Conic Sections |

Intermediate Algebra, Eighth Edition © 2013

ISBN 13	Product	Price
978-1-133-36564-8	Student Edition (High School)	167.50
978-1-133-11239-6	Student Workbook	37.00
978-1-133-11237-2	Student Solutions Manual	58.25
978-1-111-82696-3	Instructor's Annotated Edition	184.25
978-1-133-11236-5	Instructor's Solutions Manual	25.00
978-1-133-11235-8	PowerLecture CD-ROM with ExamView Testing	50.00

Elementary Algebra: Algebra Within Reach

Larson

Grades 9–12 | Sixth Edition © 2014

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.

Hardcover, 576 pages

TABLE OF CONTENTS

- | | |
|--|---|
| 1. The Real Number System | 6. Factoring And Solving Equations |
| 2. Fundamentals Of Algebra | 7. Rational Expressions And Equations |
| 3. Linear Equations And Problem Solving | 8. Systems Of Linear Equations And Inequalities |
| 4. Equations And Inequalities In Two Variables | 9. Radical Expressions And Equations |
| 5. Exponents And Polynomials | 10. Quadratic Equations And Functions |

Elementary Algebra: Algebra Within Reach, Sixth Edition © 2014

ISBN 13	Product	Price
978-1-285-08747-4	Student Edition	184.25
978-1-285-41974-9	Student Solutions Manual	44.75
978-1-285-16004-7	Instructor's Annotated Edition	184.25
978-1-285-41982-4	PowerLecture CD-ROM with ExamView Testing	139.25

Intermediate Algebra: Algebra Within Reach

Larson

Grades 9–12 | Sixth Edition © 2014

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. A wide variety of real-life applications are integrated throughout the text in examples and exercises, demonstrating the relevance of algebra in the real world. The authors' five-step strategy for solving applied problems begins with constructing a verbal model and ends with checking the answer. Graded exercise sets are grouped into three categories, offering a diversity of computational, conceptual, and applied problems to accommodate many learning styles.

Hardcover, 688 pages

TABLE OF CONTENTS

- | | |
|---|---|
| 1. Fundamentals Of Algebra | 7. Radicals And Complex Numbers |
| 2. Linear Equations And Inequalities | 8. Quadratic Equations, Functions, And Inequalities |
| 3. Graphs And Functions | 9. Exponential And Logarithmic Functions |
| 4. Systems Of Equations And Inequalities | 10. Conics |
| 5. Polynomials And Factoring | 11. Sequences, Series, And The Binomial Theorem |
| 6. Rational Expressions, Equations, And Functions | |

Intermediate Algebra: Algebra Within Reach, Sixth Edition © 2014

ISBN 13	Product	Price
978-1-285-08741-2	Student Edition	184.25
978-1-285-41985-5	Student Solutions Manual	44.75
978-1-285-16028-3	Instructor's Annotated Edition	184.25
978-1-285-41996-1	PowerLecture CD-ROM with ExamView Testing	139.25
978-1-285-42055-4	PDF Online eBook	55.30

College Prep Algebra

Larson

Grades 10–12 | First Edition © 2014

The new **College Prep Algebra** presents a pedagogically sound, mathematically precise, and comprehensive textbook that will provide students with the tools that they need to master algebra. A wide variety of real-life applications are integrated throughout the text in examples and exercises. These applications demonstrate the relevance of algebra in the real world. Many of these applications use current, real data.

Each example has been carefully chosen to illustrate a particular mathematical concept or problem-solving technique. The examples cover a wide variety of problems and are titled for easy reference. Many examples include detailed, step-by-step solutions with side comments, which explain the key steps of the solution process. Study Tips offer students specific point-of-use suggestions for studying algebra, as well as pointing out common errors and discussing alternative solution methods. They appear in the margins. Point-of-use instructions for using graphing calculators or software appear in the margins as Technology Tips. These features encourage the use of graphing technology as a tool for visualization of mathematical concepts, for verification of other solution methods, and for help with computations.

The exercise sets have been carefully and extensively reviewed to ensure they are relevant and cover all topics suggested by our users. Additionally, the exercises have been completely restructured. Exercises now appear on the same page and immediately follow a corresponding example. There is no need to flip back and forth from example to exercise.

The companion website CollegePrepAlgebra.com offers multiple tools and resources to supplement student learning. Students can view and listen to worked-out solutions of thousands of exercises in English or Spanish, download data sets, take diagnostic tests, watch lesson videos and much more.

Hardcover, 816 pages

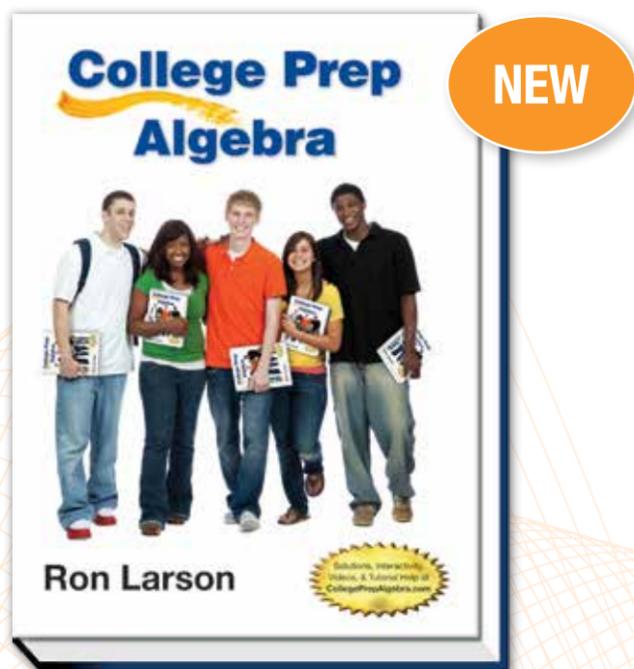
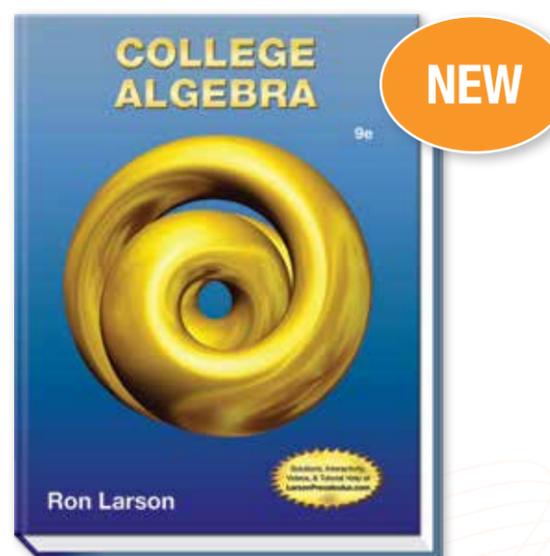


TABLE OF CONTENTS

1. The Real Number System	Appendix A	Review of Elementary Algebra Topics
2. Fundamentals of Algebra	Appendix B	Introduction to Graphing Calculators (on web)
3. Equations, Inequalities, and Problem Solving	Appendix C	Further Concepts in Geometry (on web)
4. Graphs and Functions	Appendix D	Further Concepts in Statistics (on web)
5. Exponents and Polynomials	Appendix E	Introduction to Logic (on web)
6. Factoring and Solving Equations		
7. Rational Expressions, Equations, and Functions		
8. Systems of Equations and Inequalities		
9. Radicals and Complex Numbers		
10. Quadratic Equations, Functions, and Inequalities		
11. Exponential and Logarithmic Functions		
12. Conics		
13. Sequences, Series, and the Binomial Theorem		

College Prep Algebra, First Edition © 2014

ISBN 13	Product	Price
978-1-285-18262-9	Student Edition	85.00
978-1-285-18267-4	Annotated Instructor's Edition	164.75
978-1-285-18270-4	Complete Solutions Manual	28.50
978-1-285-18277-3	Student Workbook	45.75
978-1-285-18275-9	Student's Solutions Manual	35.50
978-1-285-18287-2	Test Prep Guide	164.75
978-1-285-18286-5	PowerLecture CD-ROM with ExamView Testing	121.00
978-1-285-18395-4	CourseMate Premium Website with eBook	57.40
978-0-538-73675-6	Instructor's Resource Binder for Algebra Activities © 2011	25.00
978-1-285-45752-9	High School Lesson Plans	25.00



College Algebra

Larson

Grades 10–12 | Ninth Edition © 2014

Larson's **College Algebra** is known for delivering sound, consistently structured explanations and exercises of mathematical concepts to prepare students for further study in mathematics. With the ninth edition, Larson continues to revolutionize the way students learn material by incorporating more real-world applications, ongoing review, and innovative technology. "Side-by-Side Examples" help students see not only that a problem can be solved in more than one way but also how different methods—algebraically, graphically, and numerically—yield the same result. The side-by-side format also addresses many different learning styles. "Algebra Helps" direct students to sections of the textbook where they can review algebra skills needed to master the current topic. Technology features offer suggestions for effectively using tools such as calculators, graphing calculators, and spreadsheet programs to deepen student understanding of concepts, ease lengthy calculations, and provide alternate solution methods.

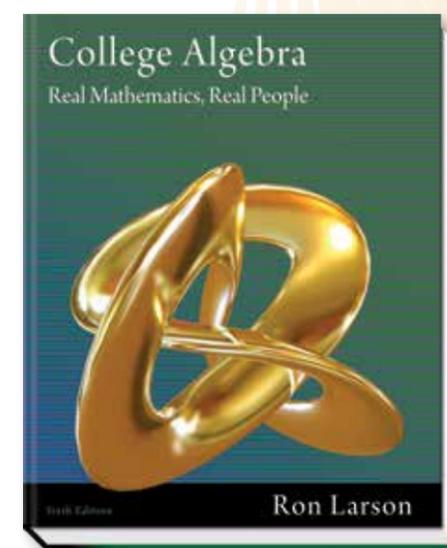
Hardcover, 624 pages

TABLE OF CONTENTS

P. Prerequisites.	6. Systems of Equations and Inequalities.
1. Equations, Inequalities, and Mathematical Modeling.	7. Matrices and Determinants.
2. Functions and their Graphs.	8. Sequences, Series, and Probability.
3. Polynomial Functions.	Appendix A: Errors and the Algebra of Calculus.
4. Rational Functions and Conics.	Appendix B: Concepts in Statistics (Web).
5. Exponential and Logarithmic Functions.	

College Algebra, Ninth Edition © 2014

ISBN 13	Product	Price
978-1-133-96302-8	Student Edition	191.50
978-1-133-96294-6	Student Solutions Manual	71.00
978-1-133-96118-5	Instructor's Annotated Edition	192.75
978-1-133-96134-5	Complete Solutions Manual	25.00
978-1-133-96122-2	Test Bank	25.00
978-1-133-96136-9	PowerLecture CD-ROM with ExamView Testing	63.25
978-1-133-96287-8	DVD Program	64.00
978-1-285-16566-0	CourseMate Premium Website with eBook	129.30



College Algebra: Real Mathematics, Real People

Larson

Grades 10–12 | Sixth Edition © 2012

College Algebra: Real Mathematics, Real People, Sixth Edition, is an ideal student and instructor resource for courses that require the use of a graphing calculator. The quality and quantity of the exercises, combined with interesting applications and innovative resources, make teaching easier and help students succeed. The book also achieves accessibility through careful writing and design—including examples with detailed solutions that begin and end on the same page, which maximizes readability. Similarly, side-by-side solutions show algebraic, graphical, and numerical representations of the mathematics and support a variety of learning styles. Reflecting its new subtitle, this significant revision focuses more than ever on showing students the relevance of mathematics in their lives and future careers.

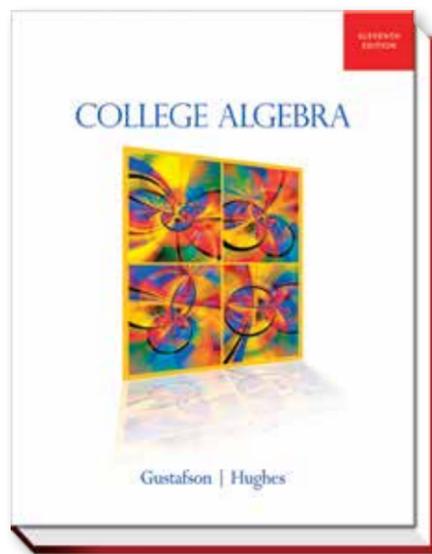
Hardcover, 864 pages

TABLE OF CONTENTS

P. Prerequisites	4. Exponential and Logarithmic Functions
1. Functions and Their Graphs	5. Linear Systems and Matrices
2. Solving Equations and Inequalities	6. Sequences, Series, and Probability
3. Polynomial and Rational Functions	7. Conics and Parametric Equations

College Algebra: Real Mathematics, Real People, Sixth Edition © 2012

ISBN 13	Product	Price
978-1-111-57510-6	Student Edition	187.50
978-1-111-57579-3	Student Solutions Guide	58.25
978-1-111-57525-0	Instructor's Annotated Edition	187.50
978-1-111-57517-5	Complete Solutions Manual	25.00
978-1-111-57515-1	PowerLecture CD-ROM with ExamView Testing	57.50
978-1-428-27543-0	Online eBook Printed Access Card	56.25



College Algebra

Gustafson ■ Hughes

Grades 10–12 | Eleventh Edition © 2013

Clearly written and comprehensive, the eleventh edition of **College Algebra** provides in-depth and precise coverage, incorporated into a framework of tested teaching strategy. The authors combine carefully selected pedagogical features and patient explanations to give students a book that preserves the integrity of mathematics, yet does not discourage them with material that is confusing or too rigorous. Long respected for its ability to help students quickly master difficult problems, this book also helps them develop the skills they'll need in future courses and in everyday life. Retaining the mathematical precision instructors have come to expect, the authors have focused on making this new edition more modern to better illustrate to students the importance of math in their world.

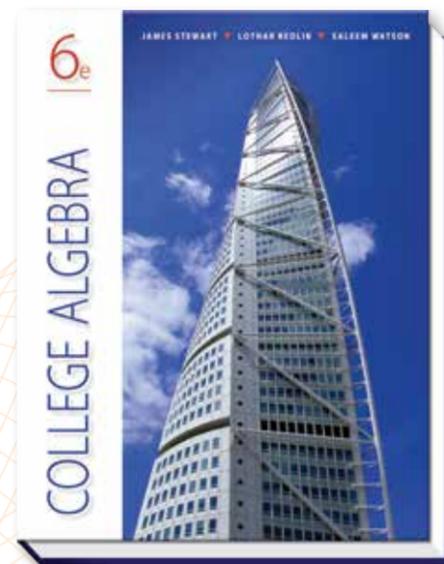
Hardcover, 848 pages

TABLE OF CONTENTS

- A. Review of Basic Algebra
 - 1. Equations and Inequalities
 - 2. The Rectangular Coordinate System and Graphs of Equations
 - 3. Functions
 - 4. Exponential and Logarithmic Functions
 - 5. Solving Polynomial Equations
 - 6. Linear Systems
 - 7. Conic Sections and Quadratic Systems
 - 8. Natural Number Functions and Probability
 - 9. Mathematics of Finance (online)

College Algebra, Eleventh Edition © 2013

ISBN 13	Product	Price
978-1-111-99090-9	Student Edition	187.50
978-1-133-10347-9	Student Solutions Manual	67.75
978-1-133-10348-6	Instructor's Annotated Edition	187.50
978-1-133-10342-4	Complete Solutions Manual	25.00
978-1-133-10343-1	Test Bank	27.00
978-1-133-10345-5	PowerLecture CD-ROM with ExamView Testing	50.00
978-1-133-10344-8	DVD Program	160.75



College Algebra

Stewart ■ Redlin ■ Watson

Grades 10–12 | Sixth Edition © 2013

College Algebra helps students learn to think mathematically and to develop genuine problem-solving skills. Comprehensive and evenly-paced, the text has helped hundreds of thousands of students. Incorporating technology, real-world applications, and additional useful pedagogy, the sixth edition promises to help more students than ever build conceptual understanding and a core of fundamental skills.

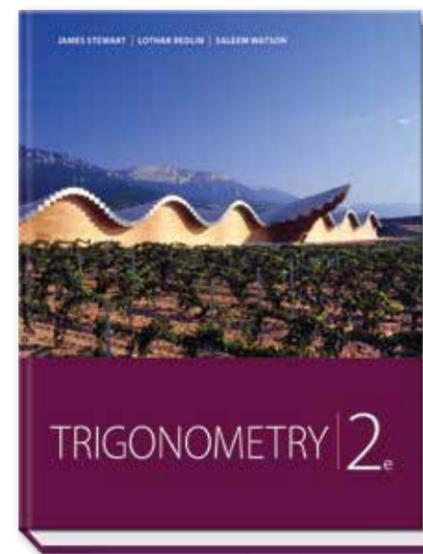
Hardcover, 784 pages

TABLE OF CONTENTS

- P. Prerequisites
- 1. Equations and Graphs
- 2. Functions
- 3. Polynomial and Rational Functions
- 4. Exponential and Logarithmic Functions
- 5. Systems of Equations and Inequalities
- 6. Matrices and Determinants
- 7. Conic Sections
- 8. Sequences and Series
- 9. Probability and Statistics

College Algebra, Sixth Edition © 2013

ISBN 13	Product	Price
978-1-111-99016-9	Student Edition	196.25
978-1-111-99037-4	Study Guide	59.75
978-1-111-99024-4	Student Solutions Manual	59.75
978-1-111-99040-4	Instructor's Annotated Edition	196.25
978-1-111-99028-2	Instructor's Guide	25.00
978-1-111-99025-1	Instructor's Solutions Manual	27.00
978-1-111-99027-5	Test Bank	25.00
978-1-111-99029-9	PowerLecture CD-ROM with ExamView Testing	57.75
978-1-111-99020-6	DVD Program	51.75



Trigonometry

Stewart ■ Redlin ■ Watson

Grades 9–12 | Second Edition © 2013

James Stewart and his coauthors Lothar Redlin and Saleem Watson wrote **Trigonometry** to address a problem they frequently saw in their classrooms: students who attempted to memorize facts and mimic examples—and who were not prepared to "think mathematically." With this text, Stewart, Redlin, and Watson help students learn to think mathematically and develop true, lasting problem-solving skills. Patient, clear, and accurate, **Trigonometry** consistently illustrates how useful and applicable trigonometry is to real life.

Trigonometry is structured so teachers can begin with either the unit circle approach or the right triangle approach. The different approaches lead to different applications: the unit circle approach is used in modeling harmonic motion and the right triangle approach is used in measuring distances.

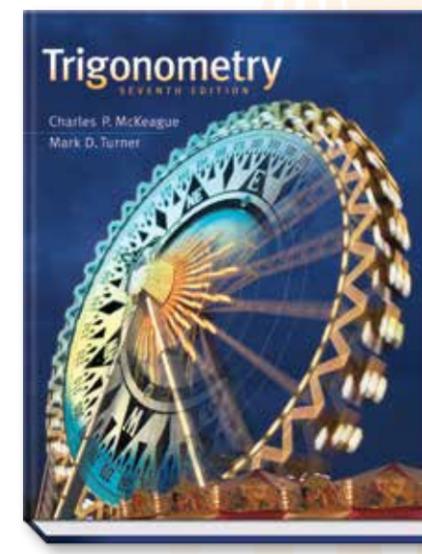
Hardcover, 624 pages

TABLE OF CONTENTS

- 1. Functions and Graphs
- 2. Trigonometric Functions: Unit Circle Approach
- 3. Trigonometric Functions: Right Triangle Approach
- 4. Analytic Trigonometry
- 5. Polar Coordinates and Parametric Equations
- 6. Vectors in Two and Three Dimensions
- 7. Conic Sections
- 8. Exponential and Logarithmic Functions

Trigonometry, Second Edition © 2013

ISBN 13	Product	Price
978-1-111-57448-2	Student Edition	196.25
978-1-111-98985-9	Study Guide	33.75
978-1-133-10352-3	Student Solutions Manual	58.00
978-1-133-10359-2	Instructor's Annotated Edition	196.25
978-1-111-57476-5	Instructor's Guide	25.00
978-1-133-11315-7	Complete Solutions Manual	27.75
978-1-111-98996-5	Test Bank	25.00
978-1-111-98995-8	PowerLecture CD-ROM with ExamView Testing	50.00
978-1-111-98984-2	DVD Program	57.00



Trigonometry

McKeague ■ Turner

Grades 10–12 | Seventh Edition © 2013

Trigonometry has long been praised for its simple, appealing design, its applications-oriented examples and exercises, and a focus on a few themes with which students can identify. Captivating illustrations drawn from Lance Armstrong's cycling success, 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.

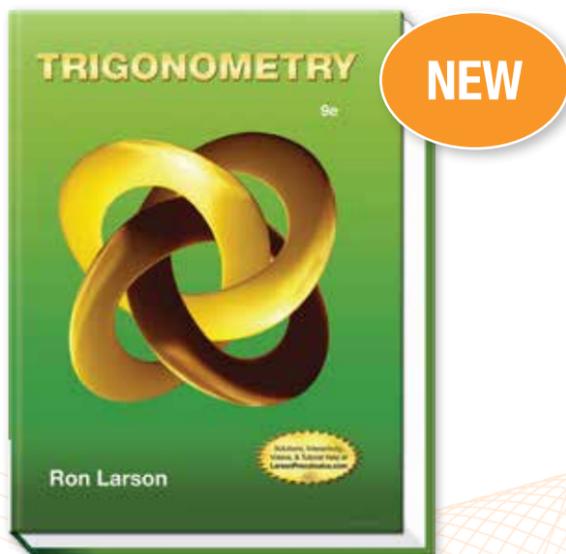
Hardcover, 592 pages

TABLE OF CONTENTS

- 1. The Six Trigonometric Functions
- 2. Right Angle Trigonometry
- 3. Radian Measure
- 4. Graphing and Inverse Functions
- 5. Identities and Formulas
- 6. Equations
- 7. Triangles
- 8. Complex Numbers and Polar Coordinates

Trigonometry, Seventh Edition © 2013

ISBN 13	Product	Price
978-1-133-58817-7	Student Edition (High School)	147.50
978-1-111-98976-7	Student Solutions Manual	69.75
978-1-111-98979-8	Instructor's Annotated Edition	196.25
978-1-111-98978-1	Instructor's Solutions Manual	20.75
978-1-111-98974-3	Test Bank	25.00
978-1-111-98980-4	PowerLecture CD-ROM with ExamView Testing	66.50
978-1-111-98977-4	DVD Program	398.50
978-1-111-58170-1	Online Interactive eBook Printed Access Card	58.90



Trigonometry

Larson

Grades 10–12 | Ninth Edition © 2014

Larson's *Trigonometry* is known for delivering sound, consistently structured explanations and exercises of mathematical concepts. With the ninth edition, the author continues to revolutionize the way students learn material by incorporating more real-world applications, ongoing review, and innovative technology. How Do You See It? exercises give students practice applying the concepts, and new Summarize features, Checkpoint problems, and a Companion Website reinforce understanding of the skill sets to help students better prepare for tests.

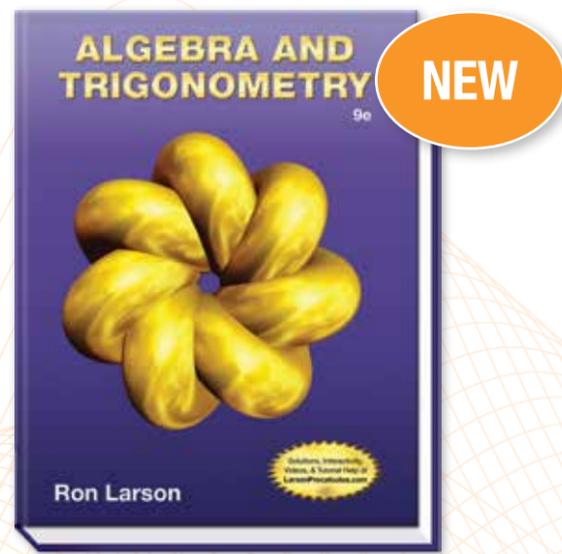
Hardcover, 592 pages

TABLE OF CONTENTS

- P. Prerequisites
- 1. Trigonometry
- 2. Analytic Trigonometry
- 3. Additional Topics in Trigonometry
- 4. Complex Numbers
- 5. Exponential and Logarithmic Functions
- 6. Topics In Analytic Geometry
- Appendix A Concepts in Statistics (Web)

Trigonometry, Ninth Edition © 2014

ISBN 13	Product	Price
978-1-285-72161-3	Student Edition (High School Edition) + 1yr CourseMate	125.00
978-1-285-92668-1	Student Edition (High School Edition) + 6yr CourseMate	145.00
978-1-133-95429-3	Student Solutions Manual	71.00
978-1-133-95431-6	Instructor's Annotated Edition	192.75
978-1-133-95430-9	Complete Solutions Manual	25.00
978-1-285-41691-5	High School Lesson Plans	25.00
978-1-133-95357-9	PowerLecture CD-ROM with ExamView Testing	55.00
978-1-133-95427-9	DVD Program	62.75
978-1-285-16610-0	CourseMate Premium Website with eBook	81.00
978-1-133-95363-0	Student Notetaking Guide	7.00



Algebra and Trigonometry

Larson

Grades 10–12 | Ninth Edition © 2014

Larson's *Algebra And Trigonometry* is ideal for a two-term course and known for delivering sound, consistently structured explanations and carefully written exercises of the mathematical concepts. With the ninth edition, the author continues to revolutionize the way students learn material by incorporating more real-world applications, on-going review and innovative technology. How Do You See It? exercises give students practice applying the concepts, and new Summarize features, Checkpoint problems and a Companion Website reinforce understanding of the skill sets to help students better prepare for tests. Enriched Remarks reinforce or expand upon concepts helping students learn how to study mathematics, avoid common errors, address special cases, or show alternative or additional steps to a solution of an example.

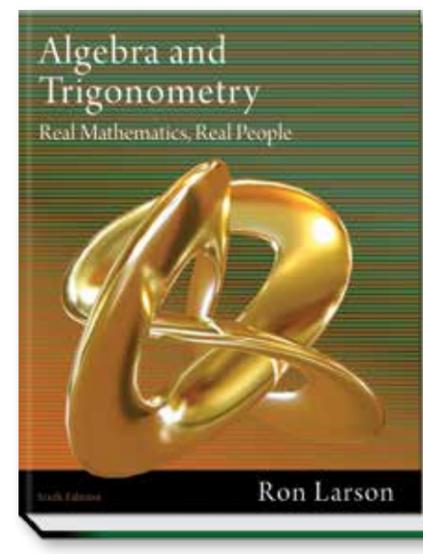
Hardcover, 976 pages

TABLE OF CONTENTS

- | | |
|---|--|
| P. Prerequisites | 7. Analytic Trigonometry |
| 1. Equations, Inequalities, and Mathematical Modeling | 8. Additional Topics in Trigonometry |
| 2. Functions and their Graphs | 9. Systems of Equations and Inequalities |
| 3. Polynomial Functions | 10. Matrices and Determinants |
| 4. Rational Functions and Conics | 11. Sequences, Series, and Probability |
| 5. Exponential and Logarithmic Functions | Appendix A: Errors and the Algebra of Calculus |
| 6. Trigonometry | Appendix B: Concepts in Statistics (Web) |

Algebra and Trigonometry, Ninth Edition © 2014

ISBN 13	Product	Price
978-1-133-95096-7	Student Edition (High School Edition)	135.50
978-1-133-95441-5	Student Solutions Manual	71.00
978-1-133-95443-9	Instructor's Annotated Edition	216.25
978-1-133-95442-2	Complete Solutions Manual	25.00
978-1-133-95439-2	Test Bank	25.00
978-1-133-95116-2	PowerLecture CD-ROM with ExamView	55.00
978-1-285-16577-6	CourseMate Premium Website with eBook	91.50
978-1-133-95363-0	Student Notetaking Guide	7.00



Algebra and Trigonometry: Real Mathematics, Real People

Larson

Grades 10–12 | Sixth Edition © 2012

Algebra and Trigonometry: Real Mathematics, Real People, Sixth Edition, is an ideal student and instructor resource for courses that require the use of a graphing calculator. The quality and quantity of the exercises, combined with interesting applications and innovative resources, make teaching easier and help students succeed. The book also achieves accessibility through careful writing and design—including examples with detailed solutions that begin and end on the same page, which maximizes readability. Similarly, side-by-side solutions show algebraic, graphical, and numerical representations of the mathematics and support a variety of learning styles. Reflecting its new subtitle, this significant revision focuses more than ever on showing students the relevance of mathematics in their lives and future careers.

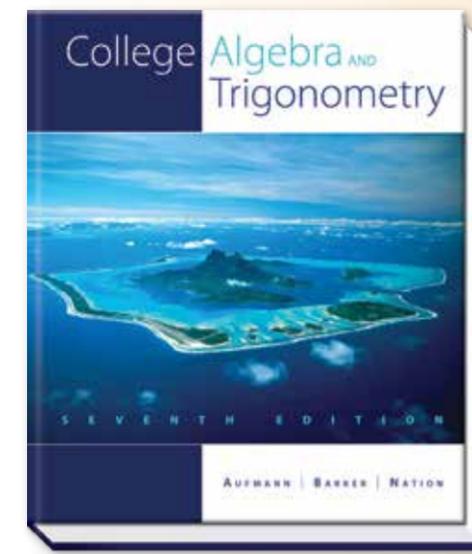
Hardcover, 1,056 pages

TABLE OF CONTENTS

- | | |
|--|---------------------------------------|
| P. Prerequisites | 6. Analytic Trigonometry |
| 1. Functions and Their Graphs | 7. Additional Topics in Trigonometry |
| 2. Solving Equations and Inequalities | 8. Linear Systems and Matrices |
| 3. Polynomial and Rational Functions | 9. Sequences, Series, and Probability |
| 4. Exponential and Logarithmic Functions | 10. Topics in Analytic Geometry |
| 5. Trigonometric Functions | |

Algebra and Trigonometry: Real Mathematics, Real People, Sixth Edition © 2012

ISBN 13	Product	Price
978-1-111-42842-6	Student Edition	209.50
978-1-111-58227-2	Student Solutions Manual	56.25
978-1-111-58225-8	Instructor's Annotated Edition	201.75
978-1-111-58217-3	Complete Solutions Manual	25.00
978-1-111-58223-4	PowerLecture CD-ROM with ExamView Testing	63.25
978-1-111-58226-5	DVD Program	52.75
978-1-285-16551-6	Online PDF eBook Printed Access Card	62.85



College Algebra and Trigonometry

Aufmann ■ Barker ■ Nation

Grades 10–12 | Seventh Edition © 2011

Accessible to students and flexible for teachers, *College Algebra and Trigonometry*, Seventh Edition, uses the dynamic link between concepts and applications to bring mathematics to life. By incorporating interactive learning techniques, the Aufmann team helps students to better understand concepts, work independently, and obtain greater mathematical fluency. The text also includes technology features to accommodate courses that allow the option of using graphing calculators. The authors' proven Aufmann Interactive Method allows students to try a skill as it is presented in example form.

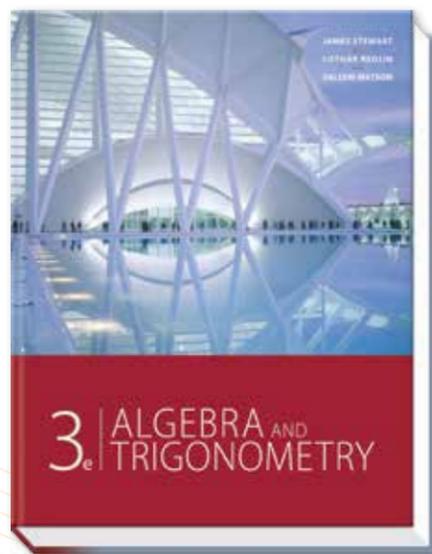
Hardcover, 1,152 pages

TABLE OF CONTENTS

- | | |
|--|---|
| P. Preliminary Concepts | 6. Trigonometric Identities and Equations |
| 1. Equations and Inequalities | 7. Applications of Trigonometry |
| 2. Functions and Graphs | 8. Topics in Analytic Geometry |
| 3. Polynomial and Rational Functions | 9. Systems of Equations and Inequalities |
| 4. Exponential and Logarithmic Functions | 10. Matrices |
| 5. Trigonometric Functions | 11. Sequences, Series, and Probability |

College Algebra and Trigonometry, Seventh Edition © 2011

ISBN 13	Product	Price
978-1-439-04860-3	Student Edition	201.00
978-1-111-98694-0	Online eBook Printed Access Card	60.30
978-0-538-73908-5	Study Guide with Student Solutions Manual	58.25
978-1-439-04938-9	Instructor's Annotated Edition	202.00
978-0-538-73927-6	Complete Solutions Manual	25.00
978-0-538-73906-1	PowerLecture CD-ROM with ExamView Testing	55.00



Algebra and Trigonometry

Stewart ■ Redlin ■ Watson

Grades 10–12 | Third Edition © 2012

This best-selling author team explains concepts simply and clearly, without glossing over difficult points. Problem solving and mathematical modeling are introduced early and reinforced throughout, providing students with a solid foundation in the principles of mathematical thinking. Comprehensive and evenly paced, the book provides complete coverage of the function concept, and integrates a significant amount of graphing calculator material to help students develop insight into mathematical ideas. Approximately 20 percent of the exercises in the text are new. In addition, each exercise set has been restructured to begin with new concept exercises and reorganized to more closely follow the exposition in the corresponding section.

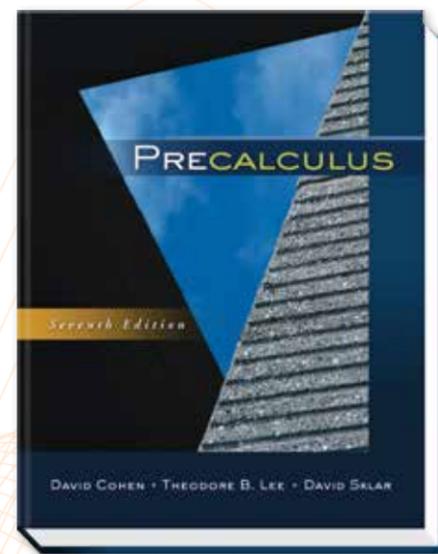
Hardcover, 1,152 pages

TABLE OF CONTENTS

P. Prerequisites	8. Analytic Trigonometry
1. Equations and Inequalities	9. Polar Coordinates and Parametric Equations
2. Coordinates and Graphs	10. Vectors in Two and Three Dimensions
3. Functions	11. Systems of Equations and Inequalities
4. Polynomial and Rational Functions	12. Analytic Geometry
5. Exponential and Logarithmic Functions	13. Sequences and Series
6. Trigonometric Functions: Right Triangle Approach	14. Counting and Probability
7. Trigonometric Functions: Unit Circle Approach	

Algebra and Trigonometry, Third Edition © 2012

ISBN 13	Product	Price
978-0-840-06813-2	Student Edition	203.00
978-1-111-56810-8	Study Guide	58.75
978-0-840-06923-8	Student Solutions Manual	64.00
978-1-111-56813-9	Instructor's Guide	25.00
978-1-111-56811-5	Complete Solutions Manual	25.00
978-1-111-56815-3	PowerLecture CD-ROM with ExamView Testing	63.25
978-1-111-57275-4	DVD Program	57.00



Precalculus

Cohen ■ Lee ■ Sklar

Grades 11–12 | Seventh Edition © 2012

Written by David Cohen and coauthors Theodore B. Lee and David Sklar, **Precalculus**, Seventh Edition, focuses on the use of a graphical perspective to provide a visual understanding of college algebra and trigonometry. Cohen's texts are known for their clear writing style and outstanding, graded exercises and applications, including many examples and exercises involving applications and real-life data. Graphs, visualization of data, and functions are introduced and emphasized early on to aid student understanding. Although the text provides thorough treatment of the graphing calculator, the material is arranged to allow instructors to teach the course with as much or as little graphing utility work as they wish.

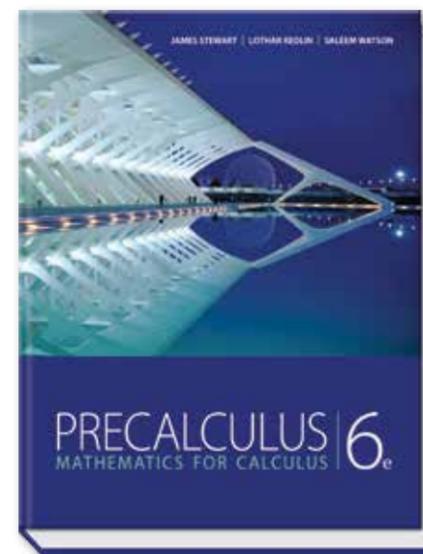
Hardcover, 1,280 pages

TABLE OF CONTENTS

1. Fundamentals	8. Graphs of Trigonometric Functions
2. Equations and Inequalities	9. Analytical Trigonometry
3. Functions	10. Additional Topics In Trigonometry
4. Polynomial and Rational Functions: Applications To Optimization	11. Systems of Equations
5. Exponential and Logarithmic Functions	12. The Conic Sections
6. An Introduction To Trigonometry Via Right Triangles	13. Roots of Polynomial Equations
7. The Trigonometric Functions	14. Additional Topics In Algebra

Precalculus, Seventh Edition © 2012

ISBN 13	Product	Price
978-0-840-06942-9	Student Edition	209.50
978-1-111-42824-2	Student Solutions Manual	61.25
978-1-111-42884-6	Complete Solutions Manual	25.00
978-1-111-42879-2	PowerLecture CD-ROM with ExamView Testing	63.25
978-1-111-42885-3	DVD Program	126.50



Precalculus: Mathematics for Calculus

Stewart ■ Redlin ■ Watson

Grades 11–12 | Sixth Edition © 2012

In this best-selling precalculus text, the authors explain concepts simply and clearly, without glossing over difficult points. Problem solving and mathematical modeling are introduced early and reinforced throughout, so when students finish the course, they have a solid foundation in the principles of mathematical thinking. This comprehensive, evenly paced book provides complete coverage of the function concept and integrates substantial graphing calculator materials that help students develop insight into mathematical ideas.

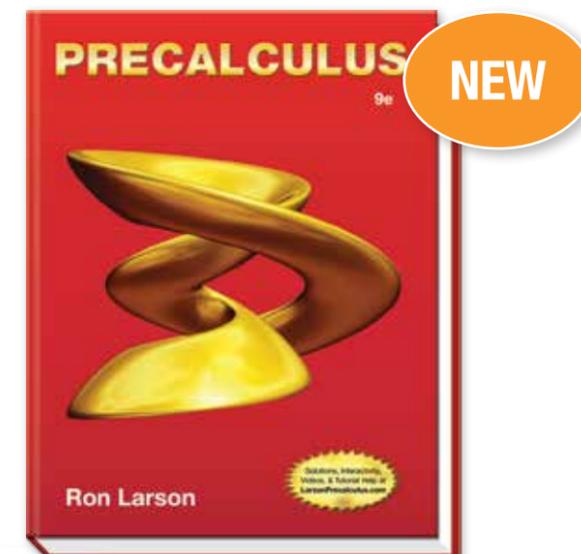
Hardcover, 1,088 pages

TABLE OF CONTENTS

1. Fundamentals	8. Polar Coordinates and Parametric Equations
2. Functions	9. Vectors in Two and Three Dimensions
3. Polynomial and Rational Functions	10. Systems of Equations and Inequalities
4. Exponential and Logarithmic Functions	11. Conic Sections
5. Trigonometric Functions: Unit Circle Approach	12. Sequences and Series
6. Trigonometric Functions: Right Triangle Approach	13. Limits: A Preview of Calculus
7. Analytic Trigonometry	14. Probability and Statistics

Precalculus: Mathematics for Calculus, Sixth Edition © 2012

ISBN 13	Product	Price
978-1-581-75843-6	Student Edition (High School Edition) + 1yr CourseMate	131.00
978-1-285-73306-7	Student Edition (High School Edition) + 6yr CourseMate	151.00
978-1-133-48826-2	CourseMate Premium Website with eBook	85.05
978-1-111-57259-4	Notetaking Guide	8.75
978-1-111-58088-9	Study Guide (High School Edition)	60.75
978-1-111-58137-4	Student Solutions Manual (High School Edition)	64.00
978-0-840-06887-3	Annotated Instructor's Edition	207.50
978-0-840-06883-5	Instructor's Guide	25.00
978-1-111-57348-5	Lesson Plans (High School Edition)	25.00
978-1-111-57310-2	PowerLecture CD-ROM with ExamView Testing (High School Edition)	63.25
978-1-111-58138-1	Complete Solutions Manual (High School Edition)	26.25
978-1-133-10950-1	Test Bank (High School Edition)	52.00
978-1-111-58139-8	DVD Program (High School Edition)	57.00



Precalculus

Larson

Grades 11–12 | Ninth Edition © 2014

Quality and quantity of exercises, interesting applications, cutting-edge design, and innovative resources continue to make this edition the market leader for calculus preparation. This text thoroughly explores algebra, trigonometry, and analytic geometry topics with examples, applications, and exercises selected for their relevance to calculus.

Hardcover, 976 pages

TABLE OF CONTENTS

1. Functions and their Graphs	8. Matrices and Determinants
2. Polynomial and Rational Functions	9. Sequences, Series, and Probability
3. Exponential and Logarithmic Functions	10. Topics in Analytic Geometry
4. Trigonometry	Appendix A. Review of Fundamental Concepts of Algebra
5. Analytic Trigonometry	Appendix B. Concepts in Statistics (Web)
6. Additional Topics in Trigonometry	
7. Systems of Equations and Inequalities	

Precalculus, Ninth Edition © 2014

ISBN 13	Product	Price
978-1-133-94903-9	Student Edition (High School Edition)	153.25
978-1-133-94904-6	Student Notetaking Guide	8.25
978-1-133-94919-0	Student Solutions Manual	67.75
978-1-133-94902-2	Instructor's Annotated Edition	216.25
978-1-133-96457-5	Complete Solutions Manual	25.00
978-1-133-94923-7	Test Bank	25.00
978-1-133-96304-2	PowerLecture CD-ROM with ExamView Testing	63.25
978-1-285-17767-0	DVD Program	35.25
978-1-285-16586-8	CourseMate Premium Website with eBook	103.45

Precalculus with Limits

Larson

Grades 11–12 | Third Edition © 2014

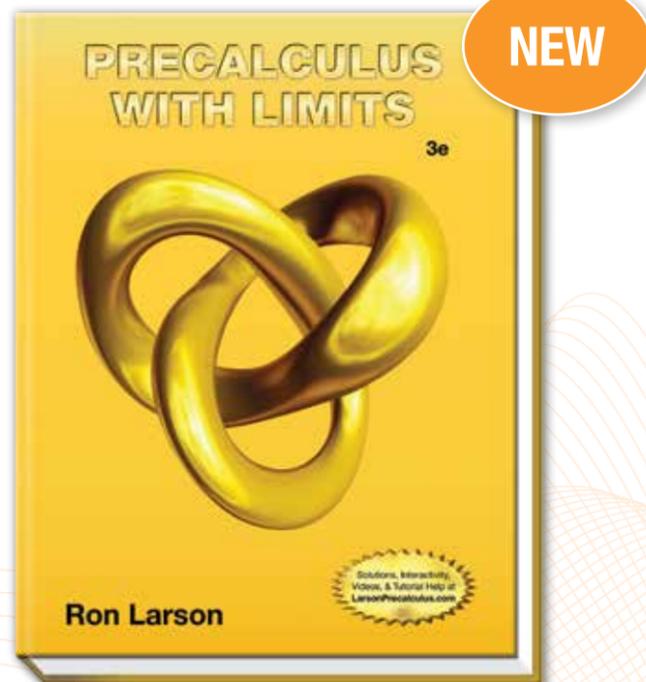
Larson's *Precalculus with Limits* is known for delivering sound, consistently structured explanations and exercises of mathematical concepts, with a laser focus on preparing students for calculus. In *Precalculus with Limits*, the author includes a brief algebra review to the core precalculus topics along with coverage of analytic geometry in three dimensions and an introduction to concepts covered in calculus. With the third edition, Larson continues to revolutionize the way students learn material by incorporating more real-world applications, ongoing review, and innovative technology.

Innovative Summarize features help students organize the lesson's key concepts into a concise summary, providing a valuable study tool at the end of each section. Unprecedented How Do You See It? exercises in every section present real-life problems that students solve by visual inspection using the concepts in the lesson. Original Checkpoint problems encourage immediate practice and check students' understanding of the concepts in the paired example. New Series Companion Website features chapter projects, data tables, assessments, study tools, video solutions, and more to support students outside the text.

Hardcover, 1,088 pages

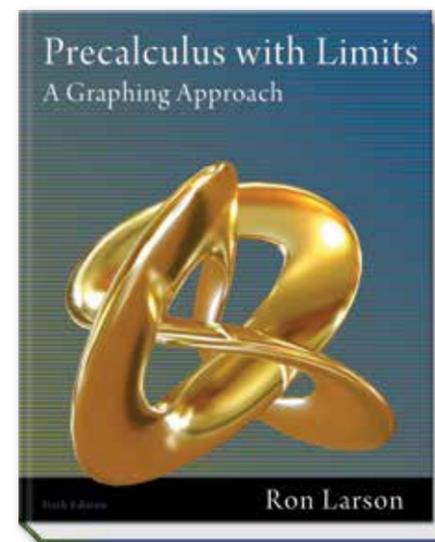
TABLE OF CONTENTS

1. Functions and their Graphs
2. Polynomial and Rational Functions
3. Exponential and Logarithmic Functions
4. Trigonometry
5. Analytic Trigonometry
6. Additional Topics in Trigonometry
7. Systems of Equations and Inequalities
8. Matrices and Determinants
9. Sequences, Series, and Probability
10. Topics in Analytic Geometry
11. Analytic Geometry in Three Dimensions
12. Limits and an Introduction to Calculus
13. Concepts in Statistics



Precalculus with Limits, Third Edition © 2014

ISBN 13	Product	Price
978-1-285-72034-0	Student Edition (High School Edition) + 1yr CourseMate	131.00
978-1-285-92651-3	Student Edition (High School Edition) + 6yr CourseMate	151.00
978-1-285-05934-1	Student Notetaking Guide	8.50
978-1-285-17769-4	Student Solutions Manual	57.75
978-1-285-05943-3	Teacher's Edition	147.50
978-1-133-95411-8	High School Lesson Plans	25.00
978-1-133-94747-9	Complete Solutions Manual	25.00
978-1-133-94744-8	Test Bank	25.00
978-1-133-95458-3	PowerLecture CD-ROM with ExamView (High School Version)	55.00
978-1-285-17767-0	DVD Program	35.25
978-1-285-05176-5	CourseMate Premium Website with eBook	85.05
978-1-285-05172-7	Online Interactive eBook Printed Access Card	81.00



Precalculus with Limits: A Graphing Approach

Larson

virtual **SAMPLE**

Grades 11–12 | Sixth Edition © 2012

Precalculus with Limits: A Graphing Approach strengthens students' conceptual understanding and problem-solving skills by the frequent use of graphing calculators and is intended for classes in which graphing calculators are readily available to all students. The text incorporates technology, problem-solving strategies, real-life applications, and concept reinforcement to help students develop strong precalculus skills.

To facilitate familiarity with the basic functions, the book retains its compilation of several elementary and non-elementary functions in a Library of Parent Functions. As in previous editions, many examples present side-by-side solutions with multiple approaches—algebraic, graphical, and numerical. In the new edition, the graphical solutions have been revised to be more visual, providing a quick way for students to check their solution obtained algebraically.

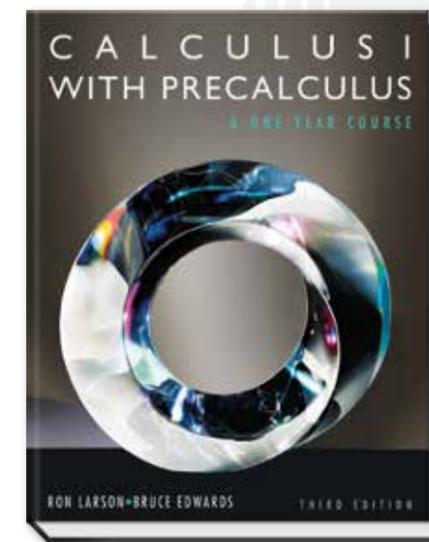
Hardcover, 896 pages

TABLE OF CONTENTS

- | | |
|--|--|
| 1. Functions and Their Graphs | 7. Linear Systems and Matrices |
| 2. Polynomial and Rational Functions | 8. Sequences, Series, and Probability |
| 3. Exponential and Logarithmic Functions | 9. Topics in Analytic Geometry |
| 4. Trigonometric Functions | 10. Analytic Geometry in Three Dimensions |
| 5. Analytic Trigonometry | 11. Limits and an Introduction to Calculus |
| 6. Additional Topics in Trigonometry | |

Precalculus with Limits: A Graphing Approach, Sixth Edition © 2012

ISBN 13	Product	Price
978-1-581-75832-0	Student Edition (High School Edition) + 1yr CourseMate	131.00
978-1-285-72036-4	Student Edition (High School Edition) + 6yr CourseMate	151.00
978-1-111-57210-5	Student Notetaking Guide	9.00
978-1-111-57209-9	Student Solutions Guide	53.25
978-1-111-57211-2	Annotated Teacher's Edition	160.50
978-1-111-57402-4	Complete Solutions Guide	30.25
978-1-111-57260-0	Lesson Plans (High School Version)	25.00
978-1-111-57280-8	PowerLecture CD-ROM with ExamView Test Generator	63.25
978-1-111-57242-6	PowerLecture CD-ROM for High Schools	63.25
978-1-111-57281-5	DVD Program	52.75



Calculus I with Precalculus: A One-Year Course

Larson ■ Edwards

Grades 11–12 | Third Edition © 2012

Calculus I with Precalculus, developed for one-year courses, is ideal for instructors who wish to successfully bring students up to speed algebraically within precalculus and transition them into calculus. Two primary objectives guided the authors in writing this book: to develop precise, readable materials for students that clearly define and demonstrate concepts and rules of calculus and to design comprehensive teaching resources for instructors that employ proven pedagogical techniques and saves the instructor time.

Hardcover, 1,120 pages

TABLE OF CONTENTS

- | | |
|--|---|
| P. Prerequisites | 8. Exponential and Logarithmic Functions and Calculus |
| 1. Functions and Their Graphs | 9. Trigonometric Functions |
| 2. Polynomial and Rational Functions | 10. Analytic Trigonometry |
| 3. Limits and Their Properties | 11. Trigonometric Functions and Calculus |
| 4. Differentiation | 12. Topics in Analytic Geometry |
| 5. Applications of Differentiation | 13. Additional Topics in Trigonometry |
| 6. Integration | |
| 7. Exponential and Logarithmic Functions | |

Calculus I with Precalculus, Third Edition © 2012

ISBN 13	Product	Price
978-1-581-75830-6	Student Edition (High School Edition) + 1yr CourseMate	136.00
978-1-285-73296-1	Student Edition (High School Edition) + 6yr CourseMate	156.00
978-1-133-48824-8	CourseMate Premium Website with eBook	88.45
978-0-840-06912-2	Student Solutions Guide	69.75
978-0-840-06911-5	Instructor's Complete Solutions Manual	38.00
978-0-840-06913-9	PowerLecture CD-ROM with ExamView Testing	63.25

Calculus Titles

Calculus of a Single Variable

Larson ■ Edwards



Grades 11–12 | Tenth Edition © 2014

These best-selling texts for AP* calculus incorporate feedback from dozens of previous-edition users and reflect the latest AP* guidelines while retaining the solid, well-motivated mathematics that characterize earlier editions.

The exercise sets have been carefully and extensively examined to ensure they are rigorous, relevant, and reorganized so you can better see the connections between examples and exercises. Multi-step, real-life exercises reinforce problem-solving skills and mastery of concepts by giving you the opportunity to apply the concepts in real-life situations. New Chapter Openers highlight five real-life applications of calculus found throughout the chapter in featured examples and exercises. Putnam Exam questions push the limits of students' understanding of calculus. Graphing technology exercises provide an opportunity for students to use a graphing utility to help find solutions.

Calculus (Chapters P–15): Hardcover, 1,280 pages

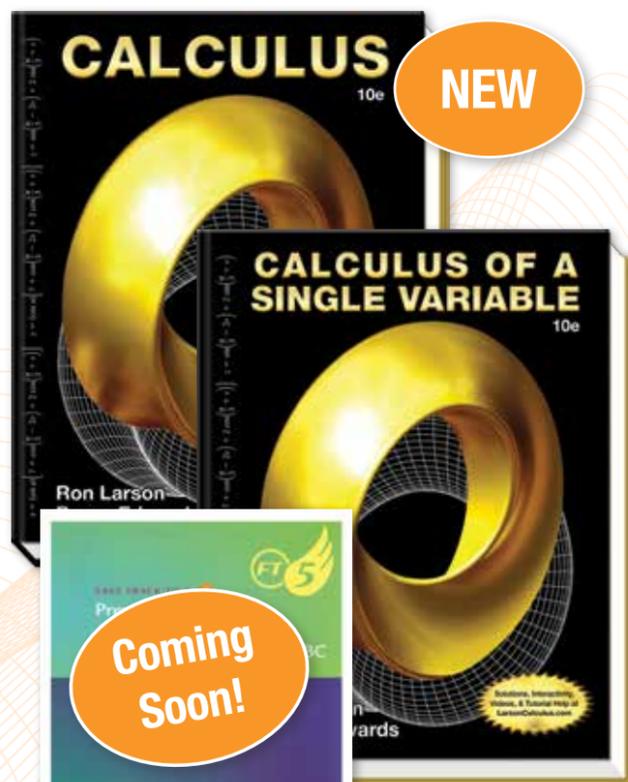
Calculus of a Single Variable (Chapters P–11): Hardcover, 864 pages

Fast Track to a 5: Preparing for the AP* Examination will help students study for the AP* exam quickly, efficiently, and effectively. The workbook is closely correlated to this AP* textbook program and includes a diagnostic test, test-taking strategies, course content review, and two full-length practice exams.

Paperback, 342 pages

TABLE OF CONTENTS

- | | |
|---|--|
| P. Preparation for Calculus | 12. Vector-Valued Functions |
| 1. Limits and their Properties | 13. Functions of Several Variables |
| 2. Differentiation | 14. Multiple Integration |
| 3. Applications of Differentiation | 15. Vector Analysis |
| 4. Integration | 16. Second Order Differential Equations* Online |
| 5. Logarithmic, Exponential, and Other Transcendental Functions | A. Proofs of Selected Theorems |
| 6. Differential Equations | B. Integration Tables |
| 7. Applications of Integration | C. Precalculus Review (Web) |
| 8. Integration Techniques, L'Hôpital's Rule, and Improper Integrals | D. Rotation and the General Second-Degree Equation (Web) |
| 9. Infinite Series | E. Complex Numbers (Web) |
| 10. Conics, Parametric Equations, and Polar Coordinates | F. Business and Economic Applications (Web) |
| 11. Vectors and the Geometry of Space | |



PRICE LIST

Calculus of a Single Variable, Tenth Edition © 2014

ISBN 13	Product	Price
978-1-285-72156-9	Student Edition, Single Variable (High School AP* Edition) + 1yr CourseMate	131.00
978-1-285-92669-8	Student Edition, Single Variable (High School AP* Edition) + 6yr CourseMate	151.00
978-1-285-93367-2	Student Edition, Calculus complete (High School AP* Edition) + 1yr CourseMate	136.00
978-1-285-72031-9	Student Edition, Calculus complete (High School AP* Edition) + 6yr CourseMate	156.00
978-1-285-06326-3	Fast Track to a 5 AP test-prep workbook	30.75
978-1-285-08571-5	Student Solutions Manual, Volume 1 (Ch. P-11)	59.75
978-1-285-08575-3	Student Solutions Manual, Volume 2 (Ch. 12-16)	59.75
978-1-285-06304-1	AP Teacher's Resource Guide and Lesson Plans	9.75
978-1-285-08576-0	Complete Solutions Guide, Volume 1 (Ch. P-5)	28.50
978-1-285-08577-7	Complete Solutions Guide, Volume 2 (Ch. 6-11)	28.50
978-1-285-08580-7	Complete Solutions Guide, Volume 3 (Ch. 12-16)	28.50
978-1-285-09059-7	Test Bank	9.75
978-1-285-09445-8	PowerLecture DVD-ROM with ExamView	50.00
978-1-285-07630-0	CourseMate with E-Book Printed Access Card	88.45
978-1-285-09450-2	Online Interactive E-Book Printed Access Card	39.30
978-1-285-06379-9	Online PDF E-Book Printed Access Card, complete	39.30
978-1-285-06735-3	Online PDF E-Book Printed Access Card, Single Variable	37.80
978-1-285-06304-1	Teacher's Resource Guide and Lesson Plans for Calculus, 10e (High School AP* Edition)	9.75

Calculus: Early Transcendental Functions

Calculus of a Single Variable: Early Transcendental Functions

Larson ■ Edwards



Grades 11–12 | Fifth Edition © 2011

Calculus: Early Transcendental Functions, Fifth Edition, continues to offer teachers and students innovative teaching and learning resources. The Larson team always has two main objectives—to develop precise, readable materials for students that clearly define and demonstrate concepts and rules of calculus, and to design comprehensive teaching resources for instructors that employ proven pedagogical techniques and save time. This edition has made the mastery of traditional calculus skills a priority, while embracing the best features of new technology and, when appropriate, calculus reform ideas.

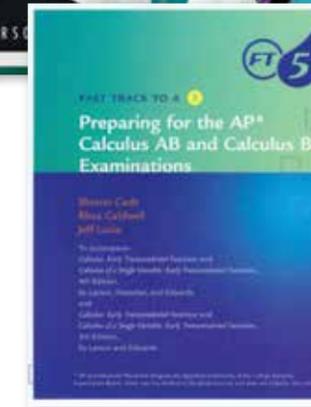
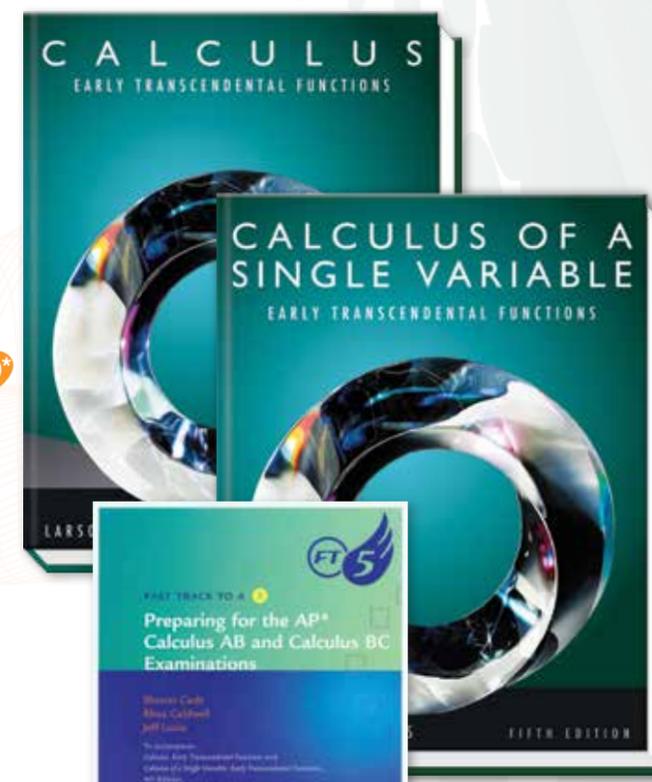
Student Edition Complete (Chapters 1–15): Hardcover, 1,344 pages
Single Variable Edition (Chapters 1–10): Hardcover, 928 pages

Fast Track to a 5: Preparing for the AP* Examination will help students study for the AP* exam quickly, efficiently, and effectively. The workbook is closely correlated to this AP* textbook program and includes a diagnostic test, test-taking strategies, course content review, and two full-length practice exams.

Paperback, 342 pages

TABLE OF CONTENTS

- | | |
|---|---|
| 1. Preparation for Calculus | 9. Infinite Series |
| 2. Limits and Their Properties | 10. Conics, Parametric Equations, and Polar Coordinates |
| 3. Differentiation | 11. Vectors and the Geometry of Space |
| 4. Applications of Differentiation | 12. Vector-Valued Functions |
| 5. Integration | 13. Functions of Several Variables |
| 6. Differential Equations | 14. Multiple Integration |
| 7. Applications of Integration | 15. Vector Analysis |
| 8. Integration Techniques, L'Hôpital's Rule, and Improper Integrals | |



PRICE LIST

Calculus: Early Transcendental Functions, Fifth Edition © 2011 Calculus of a Single Variable: Early Transcendental Functions © 2011

ISBN 13	Product	Price
978-1-581-75834-4	Student Edition, Complete (High School AP* Edition) + 1yr CourseMate	136.00
978-1-285-73297-8	Student Edition, Complete (High School AP* Edition) + 6yr CourseMate	156.00
978-1-581-75829-0	Student Edition, Single Variable (High School AP* Edition) + 1yr CourseMate	131.00
978-1-285-73298-5	Student Edition, Single Variable (High School AP* Edition) + 6yr CourseMate	151.00
978-1-111-29006-1	Student Edition, Complete + Fast Track to a 5	141.00
978-1-111-29011-5	Student Edition, Single Variable + Fast Track to a 5	136.00
978-0-538-73671-8	Student Notetaking Guide	41.00
978-0-538-73920-7	Study and Solutions Guide, Volume 1 (Ch. 1–10)	62.25
978-0-547-21310-1	Study and Solutions Guide, Volume 2 (Ch. 11–16)	59.75
978-0-538-73670-1	Instructor's Resource Manual	9.75
978-0-538-73918-4	Complete Solutions Manual Volume 1	12.50
978-0-538-73919-1	Complete Solutions Manual Volume 2	12.50
978-0-547-21302-6	Complete Solutions Manual Volume 3	28.50
978-0-538-73921-4	PowerLecture DVD-ROM	63.25
978-0-538-73636-7	DVD Program	72.00
978-1-133-10875-7	ExamView Testing CD-ROM	57.50
978-0-538-75711-9	Fast Track to a 5 AP* Test-Prep Workbook	33.75

Calculus Titles

Calculus Single Variable Calculus with Vector Functions

Stewart



Grades 11–12 | Seventh Edition © 2012

James Stewart's *Calculus* texts are widely renowned for their mathematical precision and accuracy, clarity of exposition, and outstanding examples and problem sets. Stewart's text offers an extensive collection of more than 8,000 quality exercises. Each exercise set is carefully graded, progressing from skill-development problems to more challenging problems involving applications and proofs. Stewart draws on physics, engineering, chemistry, biology, medicine, and social science to motivate students and demonstrate the power of calculus as a problem-solving tool in a wide variety of fields.

Stewart's writing style speaks clearly and directly to students, guiding them through key ideas, theorems, and problem-solving steps, and encouraging them to think as they read and learn calculus. Every concept is supported by thoughtfully worked examples—many with step-by-step explanations—and carefully chosen exercises. The quality of this pedagogical system is what sets Stewart's texts above others. Examples are not only models for problem solving or a means of demonstrating techniques; they also encourage students to develop an analytic view of the subject. To provide further insight into mathematical concepts, many of these detailed examples display solutions that are presented graphically, analytically, and/or numerically.

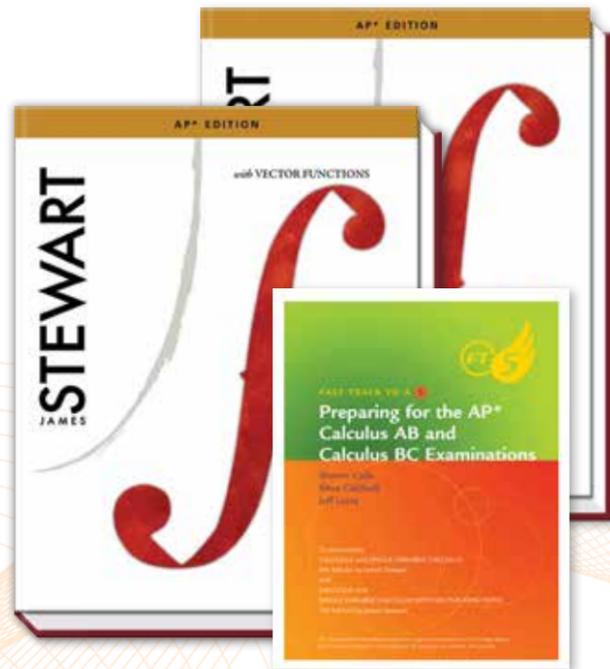
Calculus (Chapters 1–17): Hardcover, 1,392 pages
Single Variable Calculus (Chapters 1–11): Hardcover, 960 pages

Fast Track to a 5: Preparing for the AP* Examination will help students study for the AP* exam quickly, efficiently, and effectively. The workbook is closely correlated to this AP* textbook program and includes a diagnostic test, test-taking strategies, course content review, and two full-length practice exams.

Paperback, 342 pages

TABLE OF CONTENTS

- | | |
|---|---|
| 1. Functions and Limits | 9. Differential Equations |
| 2. Derivatives | 10. Curves in Parametric, Vector, and Polar Coordinates (SV Calculus) |
| 3. Applications of Differentiation | 11. Infinite Sequences and Series |
| 4. Integrals | 12. Vectors and the Geometry of Space |
| 5. Applications of Integration | 13. Vector Functions |
| 6. Inverse Functions: Exponential, Logarithmic, and Inverse Trigonometric Functions | 14. Partial Derivatives |
| 7. Techniques of Integration | 15. Multiple Integrals |
| 8. Further Applications of Integration | 16. Vector Calculus |
| | 17. Second-Order Differential Equations |



Calculus, Seventh Edition © 2012
Single Variable Calculus with Vector Functions, Seventh Edition © 2012

ISBN 13	Product	Price
978-1-581-75842-9	Student Edition, Complete (High School AP* Edition) + 1yr CourseMate	136.00
978-1-285-73307-4	Student Edition, Complete (High School AP* Edition) + 6yr CourseMate	156.00
978-1-581-75841-2	Student Edition, Single Variable with Vector Functions (High School AP* Edition) + 1yr CourseMate	131.00
978-1-285-73308-1	Student Edition, Single Variable with Vector Functions (High School AP* Edition) + 6yr CourseMate	151.00
978-1-111-99875-2	Student Edition, Complete + 2012 Fast Track to a 5	141.00
978-1-111-99879-0	Student Edition, Single Variable with Vector Functions + 2012 Fast Track to a 5	136.00
978-1-133-48815-6	CourseMate Premium Website with eBook	88.45
978-0-840-05840-9	AP* Notetaking Guide	40.25
978-0-840-05806-5	AP* Teacher's Resource Guide	25.00
978-0-840-05409-8	Study Guide, Volume 1 (Single Variable)	66.00
978-0-840-05410-4	Study Guide, Volume 2 (Multivariable)	66.00
978-0-840-04949-0	Student Solutions Manual, Volume 1 (Single Variable)	76.75
978-1-111-42706-1	Student Solutions Manual, Single Variable with Vector Functions	69.75
978-0-840-04945-2	Student Solutions Manual, Volume 2 (Multivariable)	66.00
978-0-840-05302-2	Complete Solutions Manual, Volume 1 (Single Variable)	29.00
978-1-111-42708-5	Complete Solutions Manual, Single Variable with Vector Functions	29.00
978-0-840-04947-6	Complete Solutions Manual, Volume 2 (Multivariable)	23.25
978-0-840-05407-4	Instructor's Guide	39.50
978-0-840-05414-2	PowerLecture CD-ROM with ExamView Testing	63.25
978-0-840-05408-1	Test Bank	25.00
978-0-840-05842-3	AP* Teacher's Resource Guide and Lesson Plans on CD	38.25
978-0-840-05830-0	Fast Track to a 5 AP* Test-Prep Workbook	20.95

Calculus: Early Transcendentals Single Variable Calculus with Vector Functions: Early Transcendentals

Stewart



Grades 11–12 | Seventh Edition © 2012

Calculus: Early Transcendentals differs from *Calculus* in that the exponential and logarithmic functions are covered earlier. These functions are introduced in the first chapter, and their limits and derivatives are found in Chapters 2 and 3 along with polynomials and other elementary functions.

Calculus: Early Transcendentals (Chapters 1–17): Hardcover, 1,344 pages
Single Variable Calculus with Vector Functions: Early Transcendentals (Chapters 1–11): Hardcover, 936 pages

Fast Track to a 5: Preparing for the AP* Examination will help students study for the AP* exam quickly, efficiently, and effectively. The workbook is closely correlated to this AP* textbook program and includes a diagnostic test, test-taking strategies, course content review, and two full-length practice exams.

Paperback, 342 pages

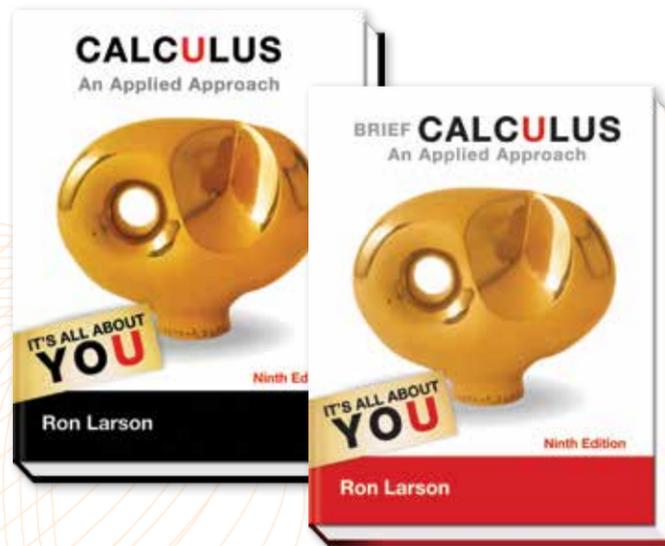
TABLE OF CONTENTS

- | | |
|---|---|
| 1. Functions and Models | 10. Curves in Parametric, Vector, and Polar Coordinates (SV Calculus with Vector Functions: ET) |
| 2. Limits and Derivatives | 11. Infinite Sequences and Series |
| 3. Differentiation Rules | 12. Vectors and the Geometry of Space |
| 4. Applications of Differentiation | 13. Vector Functions |
| 5. Integrals | 14. Partial Derivatives |
| 6. Applications of Integration | 15. Multiple Integrals |
| 7. Techniques of Integration | 16. Vector Calculus |
| 8. Further Applications of Integration | 17. Second-Order Differential Equations |
| 9. Differential Equations | |
| 10. Parametric Equations and Polar Coordinates (Calculus: ET) | |



Calculus: Early Transcendentals, Seventh Edition © 2012
Single Variable Calculus with Vector Functions: Early Transcendentals, Seventh Edition © 2012

ISBN 13	Product	Price
978-1-581-75838-2	Student Edition, ET Complete (High School AP* Edition) + 1yr CourseMate	136.00
978-1-285-73305-0	Student Edition, ET Complete (High School AP* Edition) + 6yr CourseMate	156.00
978-1-285-33904-7	Student Edition, Single Variable ET with Vector Functions (High School AP* Edition) + 1yr CourseMate	136.00
978-1-285-73303-6	Student Edition, Single Variable ET with Vector Functions (High School AP* Edition) + 6yr CourseMate	156.00
978-1-133-48816-3	CourseMate Premium Website with eBook	88.45
978-1-111-99877-6	Student Edition, ET Complete + 2012 Fast Track to a 5	141.00
978-1-111-99944-5	Student Edition, Single Variable ET with Vector Functions + 2012 Fast Track to a 5	141.00
978-0-840-05887-4	AP* Notetaking Guide	38.25
978-0-840-05857-7	AP* Teacher's Resource Guide	25.00
978-0-840-05420-3	Study Guide, SV: ET, Volume 1	63.00
978-0-840-05410-4	Study Guide, MV, Volume 2	66.00
978-0-840-04934-6	Student Solutions Manual, Volume 1 (Single Variable)	69.50
978-1-111-42712-2	Student Solutions Manual, Single Variable with Vector Functions	66.50
978-0-840-04945-2	Student Solutions Manual, Volume 2 (Multivariable)	66.00
978-0-840-04936-0	Complete Solutions Manual, Volume 1 (Single Variable)	29.00
978-1-111-42711-5	Complete Solutions Manual, Single Variable with Vector Functions	29.00
978-0-840-04947-6	Complete Solutions Manual, Volume 2 (Multivariable)	23.25
978-0-840-05418-0	Instructor's Guide	25.00
978-0-840-05421-0	PowerLecture CD-ROM with ExamView Testing	63.25
978-0-840-05419-7	Test Bank	25.00
978-0-840-05889-8	AP* Teacher's Resource Guide and Lesson Plans on CD	38.25
978-0-840-05861-4	Fast Track to a 5 AP* Test-Prep Workbook	30.25



Calculus: An Applied Approach

Larson

Grades 11–12

Brief Calculus: An Applied Approach

Larson

Ninth Edition © 2013

Calculus: An Applied Approach and **Brief Calculus: An Applied Approach** are intended for college-bound students who plan to study business, economics, management, or the life/social sciences. The text motivates students while fostering understanding and mastery by emphasizing integrated and engaging applications that show students the real-world relevance of topics and concepts. Applied problems drawn from government sources, industry, current events, and other disciplines provide well-rounded examples and appeal to students' diverse interests. The ninth edition builds upon its applications emphasis through updated exercises and relevant examples. Pedagogical features—from algebra review to study tips—continue to provide extra guidance and practice.

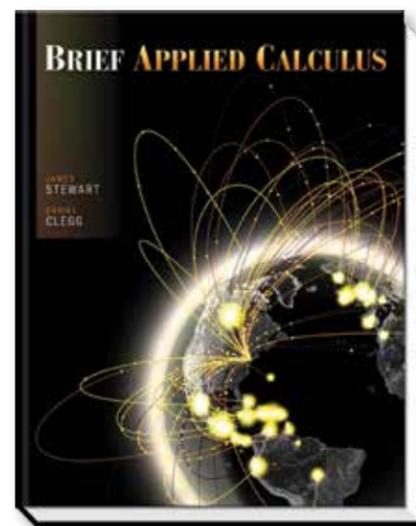
Calculus: An Applied Approach (Chapters 1–11): Hardcover, 928 pages
 Brief Calculus: An Applied Approach (Chapters 1–7): Hardcover, 704 pages

TABLE OF CONTENTS

- | | |
|--|-----------------------------------|
| 1. Functions, Graphs, and Limits | 7. Functions of Several Variables |
| 2. Differentiation | 8. Trigonometric Functions |
| 3. Applications of the Derivative | 9. Probability and Calculus |
| 4. Exponential and Logarithmic Functions | 10. Series and Taylor Polynomials |
| 5. Integration and Its Applications | 11. Differential Equations |
| 6. Techniques of Integration | |

Calculus: An Applied Approach, Ninth Edition © 2013 Brief Calculus: An Applied Approach, Ninth Edition © 2013

ISBN 13	Product	Price
978-1-133-10948-8	Student Edition, Brief	185.00
978-1-133-10928-0	Student Edition, Complete	204.00
978-1-133-11279-2	Student Solutions Manual	59.00
978-1-133-36473-3	PowerLecture CD-ROM with ExamView Testing	57.50
978-1-285-09726-8	Online PDF eBook Printed Access Card	157.75
978-1-285-09730-5	CourseMate Premium Website with eBook	137.70



Brief Applied Calculus

Stewart ■ Clegg

New from James Stewart and Daniel Clegg, **Brief Applied Calculus** takes an intuitive, less formal approach to calculus without sacrificing the mathematical integrity. Featuring a wide range of applications designed to motivate students with a variety of interests, clear examples detailing important mathematical processes, and a vast collection of exercises appropriate for students with disparate skill sets, this first edition is perfect for students who need to learn how to apply calculus concepts rather than replicate the formal proofs behind the techniques. Early coverage of exponential and logarithmic functions allows for the inclusion of many interesting applications throughout the text.

Hardcover, 560 pages

TABLE OF CONTENTS

- | | |
|------------------------------------|-----------------------------------|
| 1. Functions and Models | 5. Integrals |
| 2. The Derivative | 6. Applications of Integration |
| 3. Techniques of Differentiation | 7. Functions of Several Variables |
| 4. Applications of Differentiation | |

Brief Applied Calculus, First Edition © 2012

ISBN 13	Product	Price
978-0-534-42382-7	Student Edition, Brief	129.50
978-0-534-42387-2	Student Solutions Manual	30.75
978-1-111-42654-5	PowerLecture DVD-ROM with ExamView Testing	63.25



Applied CALC

Wilson

Grades 9–12

First Edition © 2012

Created through a student-tested, faculty-approved review process, **Applied CALC** offers a concise and visually appealing text solution to accommodate the diverse learning styles of today's students. Shorter, comprehensive chapters in a modern design present the modes-based content in an engaging and accessible format without minimizing coverage for your course. A full suite of unique learning tools includes printed Chapter In Review cards and online interactive quizzes, animations, videos, and flashcards. Geared toward business and social science majors, this text equips students with the analytical tools and technological skills they need to be successful in the workplace. Straightforward language and writing style promote conceptual understanding, and the incorporation of real-life applications, examples, and data helps engage students.

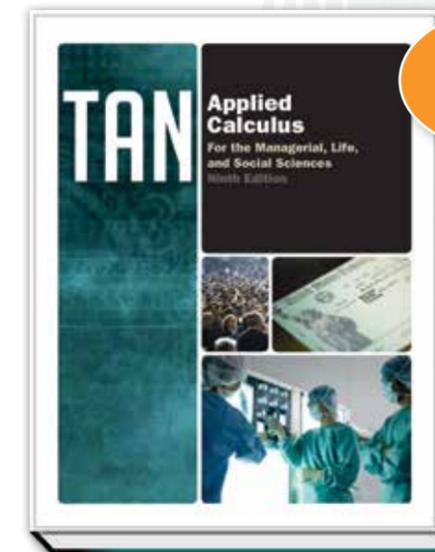
Paperback, 256 pages

TABLE OF CONTENTS

- | | |
|--------------------------------|---|
| 1. Functions and Linear Models | 6. The Integral |
| 2. Nonlinear Models | 7. Advanced Integration Techniques and Applications |
| 3. The Derivative | 8. Multivariable Functions and Partial Derivatives |
| 4. Differentiation Techniques | |
| 5. Derivative Applications | |

Applied CALC, First Edition © 2012

ISBN 13	Product	Price
978-0-840-06563-6	Applied CALC, First Edition © 2012	63.00
978-1-111-56905-1	Applied CALC - PowerLecture CD-ROM with ExamView	55.00



Applied Calculus for the Managerial, Life, and Social Sciences

Tan

Grades 11–12

Ninth Edition © 2014

Well known for accuracy, Soo Tan's **Applied Calculus For The Managerial, Life, And Social Sciences**, Ninth Edition, balances applications, pedagogy, and technology to provide students the context they need to stay motivated in the course and interested in the material. Accessible for majors and non-majors alike, the text uses an intuitive approach that introduces abstract concepts through examples drawn from common, real-life experiences to which students can relate. It also draws applications from readers' fields of interest. In addition, insightful Portfolios highlight the careers of real people and discuss how they incorporate math into their daily professional activities. Numerous exercises ensure that students have a solid understanding of concepts before advancing to the next topic. Algebra review notes, keyed to the review chapter Preliminaries, appear where and when students need them.

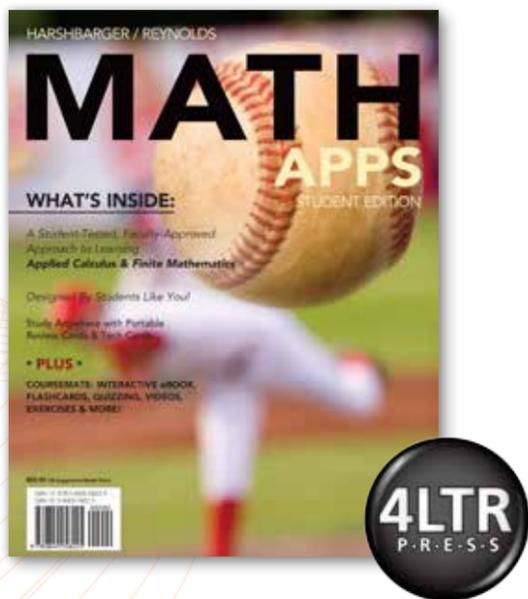
Hardcover, 896 pages

TABLE OF CONTENTS

- | | |
|--|--|
| 1. Preliminaries | 7. Additional Topics in Integration |
| 2. Functions, Limits, and the Derivative | 8. Calculus of Several Variables |
| 3. Differentiation | 9. Differential Equations |
| 4. Applications of the Derivative | 10. Probability and Calculus |
| 5. Exponential and Logarithmic Functions | 11. Taylor Polynomials and Infinite Series |
| 6. Integration | 12. Trigonometric Functions |

Applied Calculus for the Managerial, Life, and Social Sciences, Ninth Edition © 2014

ISBN 13	Product	Price
978-1-133-60771-7	Student Edition	202.75
978-1-133-96092-8	Student Solutions Manual	60.50
978-1-285-08802-0	Complete Solutions Manual	50.25
978-1-285-08806-8	PowerLecture CD-ROM with ExamView Testing	57.50



MATH APPS

Harshbarger ■ Reynolds

Grades 9–12 | First Edition © 2012

Created through a student-tested, faculty-approved review process, **MATH APPS** offers a concise and visually appealing text solution to accommodate the diverse learning styles of today's students. Shorter, comprehensive chapters in a modern design present the modes-based content in an engaging and accessible format without minimizing coverage for your course. A full suite of unique learning tools includes printed Chapter In Review cards and online interactive quizzes, animations, videos, and flashcards. The book's concept-based approach, multiple presentation methods, and interesting and relevant applications keep students who typically take the course—business, economics, life sciences, and social sciences majors—engaged in the material.

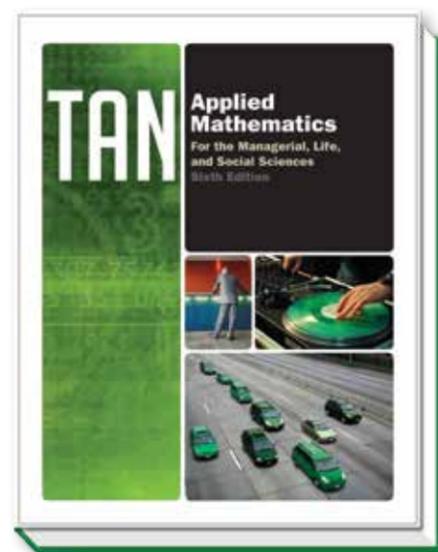
Paperback, 368 pages

TABLE OF CONTENTS

- | | |
|--|---|
| 1. Linear Equations and Functions | 9. Derivatives |
| 2. Quadratic and Other Special Functions | 10. Applications of Derivatives |
| 3. Matrices | 11. Derivatives Continued |
| 4. Inequalities and Linear Programming | 12. Indefinite Integrals |
| 5. Exponential and Logarithmic Functions | 13. Definite Integrals: Techniques of Integration |
| 6. Mathematics of Finance | 14. Functions of Two or More Variables |
| 7. Introduction to Probability | |
| 8. Probability and Data Description | |

MATH APPS, First Edition © 2012

ISBN 13	Product	Price
978-0-840-05822-5	MATH APPS, First Edition © 2012	63.00
978-1-111-42538-8	MATH APPS - PowerLecture CD-ROM with ExamView	55.00



Applied Mathematics For the Managerial, Life, and Social Sciences

Tan

Applied Mathematics For the Managerial, Life, and Social Sciences, Sixth Edition, teaches by application and uses real-world examples to motivate students. It combines solid theory with innovative technology, includes a robust supplement package, and offers unmatched flexibility that caters to both traditional and modern practitioners. Accessible for majors and non-majors alike, the new sixth edition utilizes an intuitive approach that marries real-life instances to what would otherwise be abstract concepts. This is the focus of new and insightful Portfolios, which highlight the careers of real people and discuss how they use math in their professions. Numerous exercises ensure that students have a solid understanding of concepts before advancing to the next topic.

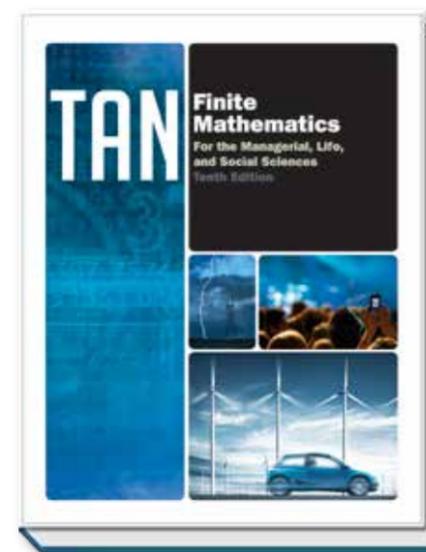
Hardcover, 960 pages

TABLE OF CONTENTS

- | | |
|---|-------------------------------------|
| 1. Fundamentals of Algebra | 7. Sets and Probability |
| 2. Functions and their Graphs | 8. Additional Topics in Probability |
| 3. Exponential and Logarithmic Functions | 9. The Derivative |
| 4. Mathematics of Finance | 10. Applications of the Derivative |
| 5. Systems of Linear Equations and Matrices | 11. Integration |
| 6. Linear Programming | 12. Calculus of Several Variables |

Applied Mathematics For the Managerial, Life, and Social Sciences, Sixth Edition © 2013

ISBN 13	Product	Price
978-1-133-10894-8	Student Edition	210.25
978-1-133-10932-7	Student Solutions Manual	47.25
978-1-133-49041-8	PowerLecture CD-ROM with ExamView Testing	42.75



Finite Mathematics For the Managerial, Life, and Social Sciences

Tan

Grades 11–12 | Tenth Edition © 2012

Finite Mathematics For the Managerial, Life, and Social Sciences, Tenth Edition, educates by application and real-world examples. A traditional book with a modern feel, the text pairs pioneering technology with rock-solid theory and delivers matchless flexibility to both traditional and modern practitioners. The tenth edition breaks new ground by dovetailing real-life case studies into textbook material, achieved through the use of Portfolio features, which spotlight actual professionals and the usage of math in their day-to-day business. The text includes over 90 new and updated student-friendly applications with topics such as health care spending, global defense spending, box office receipts, retirement planning, home affordability, tire safety, alternative fuel vehicles, cost of taking time off, New York courts, total caseload, lightning injuries, and government debt.

Hardcover, 640 pages

TABLE OF CONTENTS

- | | |
|--|---|
| 1. Straight Lines and Linear Functions | 5. Mathematics of Finance |
| 2. Systems of Linear Equations and Matrices | 6. Sets and Counting |
| 3. Linear Programming: A Geometric Approach | 7. Probability |
| 4. Linear Programming: An Algebraic Approach | 8. Probability Distributions and Statistics |
| | 9. Markov Chains and the Theory of Games |

Finite Mathematics For Managerial, Life, and Social Sciences, Tenth Edition © 2012

ISBN 13	Product	Price
978-0-840-04814-1	Student Edition	160.00
978-0-840-04904-9	Student Solutions Manual	56.25
978-0-840-04905-6	PowerLecture CD-ROM with ExamView Testing	63.25



FINITE

Berresford ■ Rockett

Grades 9–12 | First Edition © 2012

Created through a student-tested, faculty-approved review process, **FINITE** offers a concise and visually appealing text solution to accommodate the diverse learning styles of today's students. Shorter, comprehensive chapters in a modern design present the modes-based content in an engaging and accessible format without minimizing coverage for your course. A full suite of unique learning tools includes printed Chapter In Review cards and online interactive quizzes, animations, videos, and flashcards. **FINITE** uses intriguing, real-world applications to capture the interest of business, economics, life science, and social science majors. This practical approach to mathematics, along with the integration of graphing calculators and Excel® spreadsheet explorations, exposes students to the tools they will encounter in future careers.

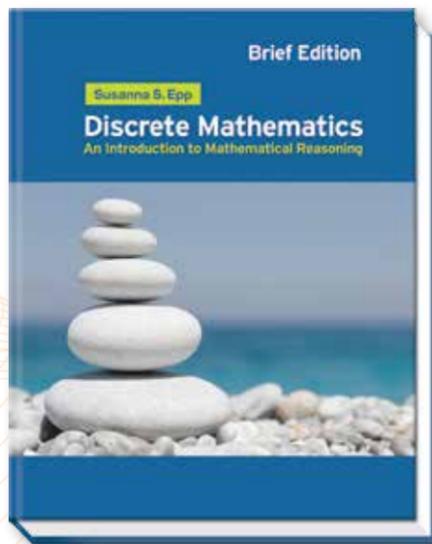
Paperback, 320 pages

TABLE OF CONTENTS

- | | |
|--------------------------------------|------------------|
| 1. Functions | 5. Probability |
| 2. Mathematics of Finance | 6. Statistics |
| 3. Systems of Equations and Matrices | 7. Markov Chains |
| 4. Linear Programming | 8. Game Theory |

FINITE, First Edition © 2012

ISBN 13	Product	Price
978-0-840-06555-1	FINITE First Edition © 2012	63.00
978-0-840-06941-2	FINITE - PowerLecture CD-ROM with ExamView	55.00



Discrete Mathematics: An Introduction to Mathematical Reasoning

Epp

Susanna Epp's *Discrete Mathematics: An Introduction to Mathematical Reasoning* emphasizes essential topics that serve as a transition to abstract mathematical thinking. The ideas of discrete mathematics underlie and are essential to the science and technology of the computer age. This book offers a synergistic union of the major themes of discrete mathematics together with the reasoning that underlies mathematical thought. Renowned for her lucid, accessible prose, Epp explains complex, abstract concepts with clarity and precision, helping students develop the ability to think abstractly as they study each topic. In doing so, the book provides students with a strong foundation both for computer science and for other upper-level mathematics courses.

Hardcover, 648 pages

TABLE OF CONTENTS

- | | |
|---|----------------------------|
| 1. Speaking Mathematically | 6. Set Theory |
| 2. The Logic of Compound Statements | 7. Properties of Functions |
| 3. The Logic of Quantified Statements | 8. Properties of Relations |
| 4. Elementary Number Theory and Methods of Proof | 9. Counting |
| 5. Sequences, Mathematical Induction, and Recursion | 10. Graphs and Trees |

Discrete Mathematics: An Introduction to Mathematical Reasoning, First Edition © 2011

ISBN 13	Product	Price
978-0-495-82617-0	Student Edition	137.25
978-0-495-82618-7	Student Solutions Manual and Study Guide	27.50



STAT

Johnson ■ Kuby

Grades 11–12 | Second Edition © 2012

Created through a student-tested, faculty-approved review process, *STAT* offers concise and visually appealing text solutions to accommodate the diverse learning styles of today's students. Shorter, comprehensive chapters in a modern design present the modes-based content in an engaging and accessible format without minimizing coverage for your course. A full suite of unique learning tools includes printed Chapter In Review cards and online interactive quizzes, animations, videos, and flashcards. *STAT* emphasizes practical skill-building with interactive and engaging features to help students improve their statistical literacy.

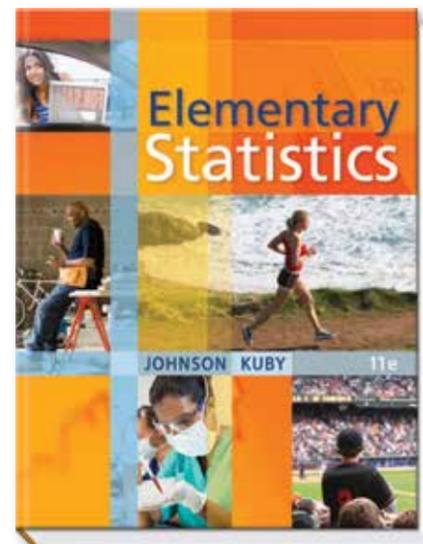
Paperback, 368 pages

TABLE OF CONTENTS

Part I: Descriptive Statistics	Part III: Inferential Statistics
1. Statistics	8. Introduction to Statistical Inferences
2. Descriptive Analysis and Presentation of Single-Variable Data	9. Inferences Involving One Population
3. Descriptive Analysis and Presentation of Bivariate Data	10. Inferences Involving Two Populations
Part II: Probability	Part IV: More Inferential Statistics
4. Probability	11. Applications of Chi-Square
5. Probability Distributions (Discrete Variables)	12. Analysis of Variance
6. Normal Probability Distributions	13. Linear Correlation and Regression
7. Sample Variability	14. Elements of Nonparametric Statistics

STAT, Second Edition © 2012

ISBN 13	Product	Price
978-0-538-73841-5	STAT 2, Second Edition © 2012	48.75
978-1-581-75826-9	Student Edition + CourseMate Premium Website with eBook	53.75
978-1-111-57426-0	STAT 2 - PowerLecture CD-ROM with ExamView	63.25
978-1-428-27423-5	STAT 2 CourseMate Premium Website with eBook	32.95



Elementary Statistics

Johnson ■ Kuby

Grades 11–12 | Eleventh Edition © 2012

Johnson and Kuby's *Elementary Statistics*, Eleventh Edition, has been consistently praised by users and reviewers for its clear exposition and relevant examples, exercises, and applications. A focus on technology to help students succeed—including MINITAB, Excel, and TI®-83/84 output and instructions throughout—is enhanced by a wealth of supplements that save instructors time and give students interactive guidance and support. All this and more have established this text's reputation for being remarkably accessible for students to learn from—and simple and straightforward for instructors to teach from.

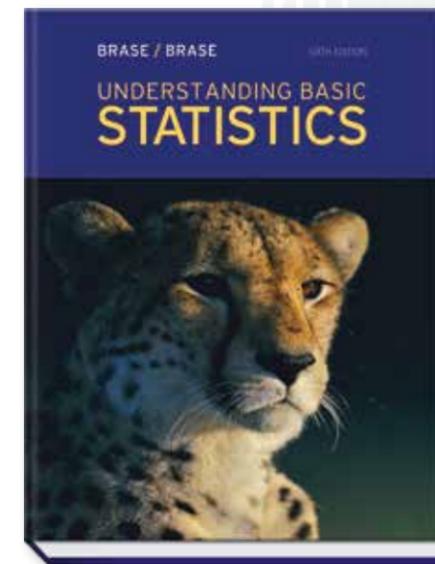
Hardcover, 832 pages

TABLE OF CONTENTS

Part I: Descriptive Statistics	Part III: Inferential Statistics
1. Statistics	8. Introduction to Statistical Inferences
2. Descriptive Analysis and Presentation of Single-Variable Data	9. Inferences Involving One Population
3. Descriptive Analysis and Presentation of Bivariate Data	10. Inferences Involving Two Populations
Part II: Probability	Part IV: More Inferential Statistics
4. Probability	11. Applications of Chi-Square
5. Probability Distributions (Discrete Variables)	12. Analysis of Variance
6. Normal Probability Distributions	13. Linear Correlation and Regression
7. Sample Variability	14. Elements of Nonparametric Statistics

Elementary Statistics, Eleventh Edition © 2012

ISBN 13	Product	Price
978-0-538-73350-2	Student Edition	197.25
978-0-840-05388-6	Student Solutions Manual	42.25
978-0-840-05389-3	Instructor's Annotated Edition	197.25
978-0-840-05427-2	PowerLecture CD-ROM with ExamView Testing	63.25



Understanding Basic Statistics

Brase ■ Brase

Grades 11–12 | Sixth Edition © 2013

This condensed version of *Understandable Statistics* offers an effective approach to teaching the essentials of statistics within a limited time frame. *Understanding Basic Statistics* is a thorough, approachable text that demonstrates the varied links between statistics and real-world applications. The sixth edition addresses the growing importance of developing students' critical-thinking and statistical-literacy skills with the introduction of new features and exercises throughout the text. The use of the graphing calculator, Excel, MINITAB, and SPSS is covered but not required.

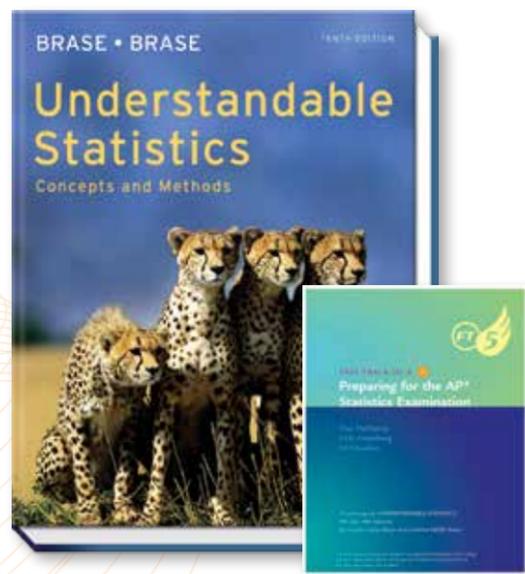
Hardcover, 640 pages

TABLE OF CONTENTS

1. Getting Started	7. Normal Curves and Sampling Distributions
2. Organizing Data	8. Estimation
3. Averages and Variation	9. Hypothesis Testing
4. Correlation and Regression	10. Inferences About Differences
5. Elementary Probability Theory	11. Additional Topics Using Inference
6. The Binomial Probability Distribution and Related Topics	

Understanding Basic Statistics, Sixth Edition © 2013

ISBN 13	Product	Price
978-1-581-75827-6	Student Edition (High School Edition) + 1yr CourseMate	123.50
978-1-285-73288-6	Student Edition (High School Edition) + 6yr CourseMate	143.50
978-1-133-52509-7	Student Notetaking Guide	7.50
978-1-111-99010-7	Student Solutions Manual	51.25
978-1-111-99009-1	Instructor's Annotated Edition	140.50
978-1-111-99014-5	PowerLecture CD-ROM with ExamView Testing	50.00
978-1-111-99011-4	DVD Program	56.25
978-1-133-48811-8	CourseMate Premium Website with eBook	80.00



Understandable Statistics: Concepts and Methods

Brase ■ Brase



Grades 11–12 | Tenth Edition © 2012

Understandable Statistics: Concepts and Methods, Tenth Edition, is a thorough, yet accessible program designed to help students overcome their apprehensions about statistics. The tenth edition continues to address the importance of developing students' critical-thinking and statistical-literacy skills through special features and exercises throughout the text. The use of graphing calculators, Excel, MINITAB®, and SPSS® is covered though not required.

Hardcover, 832 pages

Fast Track to a 5: Preparing for the AP* Examination will help students study for the AP* exam quickly, efficiently, and effectively. The workbook is closely correlated to this AP* textbook program and includes a diagnostic test, test-taking strategies, course content review, and two full-length practice exams.

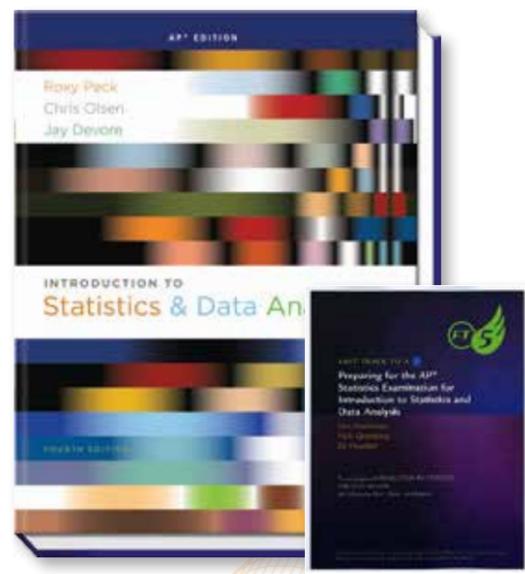
Paperback, 342 pages

TABLE OF CONTENTS

- | | |
|---|------------------------------------|
| 1. Getting Started | 6. Normal Distributions |
| 2. Organizing Data | 7. Estimation |
| 3. Averages and Variation | 8. Hypothesis Testing |
| 4. Elementary Probability Theory | 9. Correlation and Regression |
| 5. The Binomial Probability Distribution and Related Topics | 10. Chi-Square and F Distributions |
| | 11. Nonparametric Statistics |

Understandable Statistics: Concepts and Methods, Tenth Edition © 2012

ISBN 13	Product	Price
978-1-111-99982-7	Student Edition + 2012 Fast Track to a 5	135.00
978-1-581-75828-3	Student Edition (High School AP* Edition) + 1yr CourseMate	130.00
978-1-285-73289-3	Student Edition (High School AP* Edition) + 6yr CourseMate	150.00
978-0-840-06536-0	Notetaking Guide	8.75
978-0-840-05457-9	Student Solutions Manual	47.50
978-0-840-05456-2	Instructor's Annotated Edition	191.50
978-0-840-06158-4	PowerLecture CD-ROM with ExamView Testing	63.25
978-0-840-05893-5	DVD Program	59.75
978-1-133-10945-7	CourseMate Premium Website with eBook	84.40
978-1-111-98875-3	Fast Track to a 5 Student Workbook	39.00



Introduction to Statistics & Data Analysis

Peck ■ Olsen ■ Devore



Grades 11–12 | Fourth Edition © 2012

Introduction to Statistics & Data Analysis uses real, intriguing data and attention-grabbing examples to guide AP* students through an intuition-based learning process that stresses interpretation and communication of statistical information, while preparing them for the AP* exam.

Hardcover, 944 pages

Fast Track to a 5: Preparing for the AP* Examination is closely correlated to this AP* textbook program and includes a diagnostic test, test-taking strategies, course content review, and two full-length practice exams.

Paperback, 342 pages

TABLE OF CONTENTS

- | | |
|---|---|
| 1. The Role of Statistics and the Data Analysis Process | 10. Hypothesis Testing Using a Single Sample |
| 2. Collecting Data Sensibly | 11. Comparing Two Populations or Treatments |
| 3. Graphical Methods for Describing Data | 12. The Analysis of Categorical Data and Goodness-of-Fit Tests |
| 4. Numerical Methods for Describing Data | 13. Simple Linear Regression and Correlation: Inferential Methods |
| 5. Summarizing Bivariate Data | 14. Multiple Regression Analysis |
| 6. Probability | 15. Analysis of Variance |
| 7. Random Variables and Probability Distributions | 16. Nonparametric Statistical Methods (Online) |
| 8. Sampling Variability and Sampling Distributions | |
| 9. Estimation Using a Single Sample | |

Introduction to Statistics & Data Analysis, Fourth Edition © 2012

ISBN 13	Product	Price
978-1-111-99866-0	Student Edition + 2012 Fast Track to a 5	135.00
978-1-581-75837-5	Student Edition (High School AP* Edition) + 1yr CourseMate	130.00
978-1-285-73301-2	Student Edition (High School AP* Edition) + 6yr CourseMate	150.00
978-1-111-57471-0	Student Notetaking Guide	8.75
978-0-840-06840-8	Student Solutions Manual	49.50
978-0-840-06838-5	Instructor's Annotated Edition	196.50
978-1-111-57473-4	Teacher's Resource Binder	25.00
978-1-111-57474-1	Teacher's Resource CD-ROM	25.00
978-1-111-57424-6	PowerLecture CD-ROM with ExamView Testing	63.25
978-1-133-17423-3	CourseMate Premium Website with eBook	84.40
978-0-840-06842-2	Fast Track to a 5 Student Workbook	33.75

Statistics: Learning from Data

Peck ■ Olsen



Grades 11–12 | First Edition © 2014

Statistics: Learning From Data, written by the respected author team of Roxy Peck and Chris Olsen, offers an innovative approach to teaching and learning AP* Statistics, by tackling the areas that students struggle with most—probability, hypothesis testing, and selecting an appropriate method of analysis. Supported by learning objectives, real-data examples and exercises, and technology notes, this brand new text guides students in gaining conceptual understanding, mechanical proficiency, and the ability to put knowledge into practice.

Probability coverage is based on current research that shows how students best learn the subject. Two unique chapters, one on statistical inference and another on learning from experiment data, address two common areas of student confusion: choosing a particular inference method and using inference methods with experimental data.

New AP* Content includes AP* Review questions at the end of each chapter, AP* Exam Tips integrated in the margins of the text, and “Avoid These Common Mistakes” sections at the end of each chapter point out common mistakes that students make on the AP* exam.

New AP* Content includes AP* Review questions at the end of each chapter, AP* Exam Tips integrated in the margins of the text, and “Avoid These Common Mistakes” sections at the end of each chapter point out common mistakes that students make on the AP* exam.

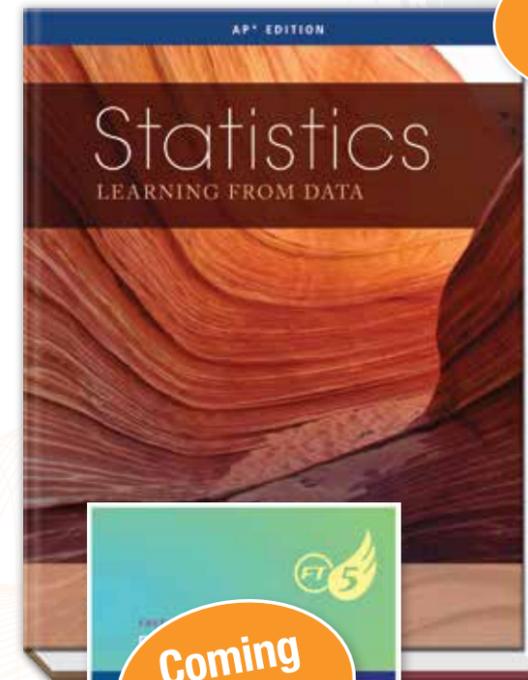
Hardcover, 1,008 pages

Fast Track to a 5: Preparing for the AP* Examination is closely correlated to this AP* textbook program and includes a diagnostic test, test-taking strategies, course content review, and two full-length practice exams.

Paperback, 342 pages

Statistics: Learning from Data, First Edition © 2014

ISBN 13	Product	Price
978-1-285-92650-6	Student Edition (High School AP* Edition) + 1yr CourseMate	113.75
978-1-285-72037-1	Student Edition (High School AP* Edition) + 6yr CourseMate	133.75
978-1-285-09464-9	Fast Track to a 5 AP* Test-Prep Book	12.00
978-1-285-08715-3	Teacher's Edition	164.25
978-1-285-73814-7	Teacher's Resource Guide	50.00
978-1-285-08983-6	Student Solutions Manual	25.25
978-1-285-09525-7	CourseMate Premium Website with eBook	73.45
978-1-285-43228-1	Aplia Printed Access Card with eBook	90.00
978-1-285-73437-8	PowerLecture DVD with ExamView	50.00
978-1-285-16470-0	JMP Technology Manual for Students	10.00
978-1-285-16467-0	Minitab Technology Manual for Students	10.00
978-1-285-16468-7	SPSS Technology Manual for Students	10.00
978-1-285-16474-8	TI Calculator Manual for Students	10.00
978-1-285-16481-6	Excel Technology Manual for Statistics	10.00

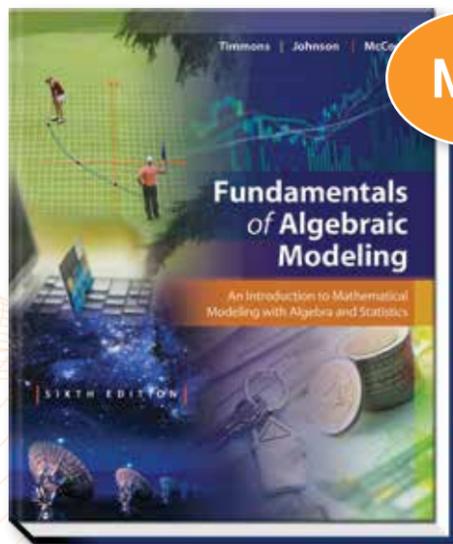


NEW



TABLE OF CONTENTS

- | | |
|--|--|
| Section I: Collecting Data
1. Collecting Data in Reasonable Ways | 10. Asking and Answering Questions about a Population Proportion |
| Section II: Describing Data Distributions
2. Graphical Methods for Describing Data Distributions
3. Numerical Methods for Describing Data Distributions
4. Describing Bivariate Numerical Data | 11. Asking and Answering Questions about the Difference between Two Population Proportions
12. Asking and Answering Questions about a Population Mean
13. Asking and Answering Questions about the Difference between Two Population Means |
| Section III: A Foundation For Inference: Reasoning About Probability
5. Probability
6. Random Variables and Probability Distributions | Section V: Additional Opportunities To Learn From Data
14. Learning from Experiment Data
15. Learning from Categorical Data
16. Understanding Relationships—Numerical Data Part 2 (Online) |
| Section IV: Learning From Sample Data
7. An Overview of Statistical Inference—Learning from Data
8. Sampling Variability and Sampling Distributions
9. Estimating a Population Proportion | 17. Asking and Answering Questions about More Than Two Means (Online)
Appendix: ANOVA Computations |



Fundamentals of Algebraic Modeling

Timmons ■ Johnson ■ McCook

Grades 9–12 Sixth Edition © 2014

The Sixth Edition of *Fundamentals Of Algebraic Modeling* strives to show students the connections between math and their daily lives. Algebraic modeling concepts and solutions are presented in non-threatening, easy-to-understand language with numerous step-by-step examples to illustrate ideas. Whether they are going on to study early childhood education, graphic arts, automotive technologies, criminal justice, or something else, students will discover that the practical applications of mathematical modeling will continue to be useful well after they have finished this course.

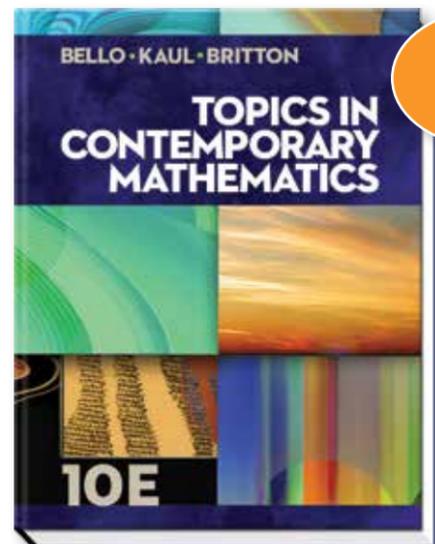
Hardcover, 464 pages

TABLE OF CONTENTS

- | | |
|------------------------------------|---|
| A Review of Algebra Fundamentals | 5. Mathematical Models in Consumer Math |
| 1. Mathematical Model Fundamentals | 6. Modeling with Systems of Equations |
| 2. Geometric Models | 7. Probability Models |
| 3. Graphing | 8. Modeling with Statistics |
| 4. Functions | |

Fundamentals of Algebraic Modeling, Sixth Edition © 2014

ISBN 13	Product	Price
978-1-133-62777-7	Student Edition	155.00
978-1-285-42042-4	Student Solutions Manual	37.50
978-1-285-42047-9	PowerLecture CD-ROM with ExamView Testing	31.50



Topics in Contemporary Mathematics

Bello ■ Kaul ■ Britton

Grades 11–12 Tenth Edition © 2014

Written for the Math for Liberal Arts course, *Topics In Contemporary Mathematics* helps students see math at work in the world by presenting problem solving in purposeful and meaningful contexts. Many of the problems in the text demonstrate how math relates to subjects—such as sociology, psychology, business, and technology—that generally interest students. Throughout the text, applications have been replaced and revised for currency and student interest. Exercises now include diverse topics such as the garbage pizza, gadgets owned by Americans, hacked passwords, the correlation of healthcare to life expectancy, the total cost of college, and many more.

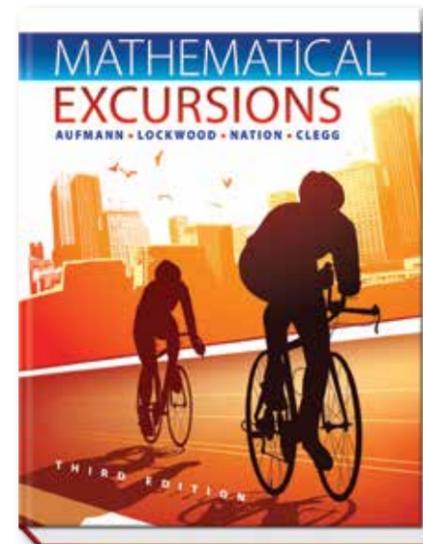
Hardcover, 992 pages

TABLE OF CONTENTS

- | | |
|---|--|
| 1. Problem Solving | 9. Mathematical Systems |
| 2. Sets | 10. Counting Techniques. The Sequential Counting Principle (Scp): A Problem-Solving Tool |
| 3. Logic | 11. Probability |
| 4. Numeration Systems | 12. Statistics |
| 5. Number Theory and the Real Numbers | 13. Your Money and Your Math |
| 6. Equations, Inequalities, and Problem Solving | 14. Voting and Apportionment |
| 7. Functions and Graphs | 15. Graph Theory |
| 8. Geometry | |

Topics in Contemporary Mathematics, Tenth Edition © 2014

ISBN 13	Product	Price
978-1-133-10742-2	Student Edition	184.75
978-1-285-42074-5	Student Solutions Manual	58.25
978-1-285-42082-0	PowerLecture CD-ROM with ExamView Testing	50.00



Mathematical Excursions

Aufmann ■ Lockwood ■ Nation ■ Clegg

Grades 11–12 Third Edition © 2013

Mathematical Excursions, Third Edition, teaches students that mathematics is a system of knowing and understanding our surroundings. For example, sending information across the Internet is better understood when one understands prime numbers; the perils of radioactive waste take on new meaning when one understands exponential functions; and the efficiency of the flow of traffic through an intersection is more interesting after seeing the system of traffic lights represented in a mathematical form. Students will learn those facets of mathematics that strengthen their quantitative understanding and expand the way they know, perceive, and comprehend their world.

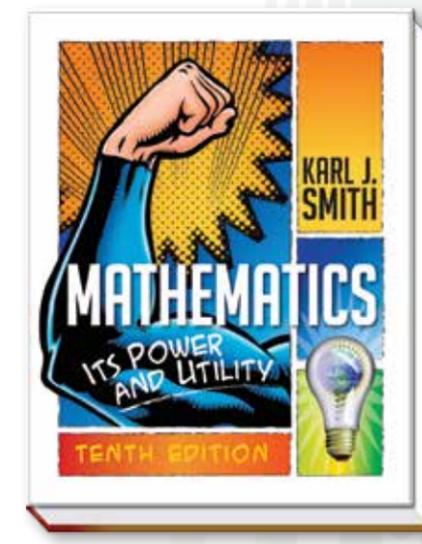
Hardcover, 1,008 pages

TABLE OF CONTENTS

- | | |
|---|-----------------------------------|
| 1. Problem Solving | 7. Geometry |
| 2. Sets | 8. Mathematical Systems |
| 3. Logic | 9. Applications of Equations |
| 4. Apportionment and Voting | 10. Applications of Functions |
| 5. The Mathematics of Graphs | 11. The Mathematics of Finance |
| 6. Numeration Systems and Number Theory | 12. Combinatorics and Probability |
| | 13. Statistics |

Mathematical Excursions, Third Edition © 2013

ISBN 13	Product	Price
978-1-111-57849-7	Student Edition	185.00
978-1-133-11221-1	Student Solutions Manual	64.00
978-1-111-57902-9	Instructor's Annotated Edition	185.00
978-1-133-11218-1	PowerLecture CD-ROM with ExamView Testing	57.50
978-1-133-11220-4	Instructor's Solutions Manual	25.00



Mathematics: Its Power and Utility

Smith

Grades 11–12 Tenth Edition © 2013

Mathematics: Its Power and Utility, Tenth Edition, combines a unique and practical focus on real-world problem solving allowing even the least-interested or worst-prepared student to appreciate the beauty and value of math while mastering basic concepts and skills they will apply to their daily lives. The first half of the book explores the **Power** and historic impact of mathematics and helps students harness that **Power** by developing an effective approach to problem solving. The second half builds upon this foundation by exploring the **Utility** and application of math concepts to a wide variety of real-life situations: money management; handling of credit cards; inflation; purchase of a car or home; the effective use of probability, statistics, and surveys; and many other topics of life interest.

Hardcover, 656 pages

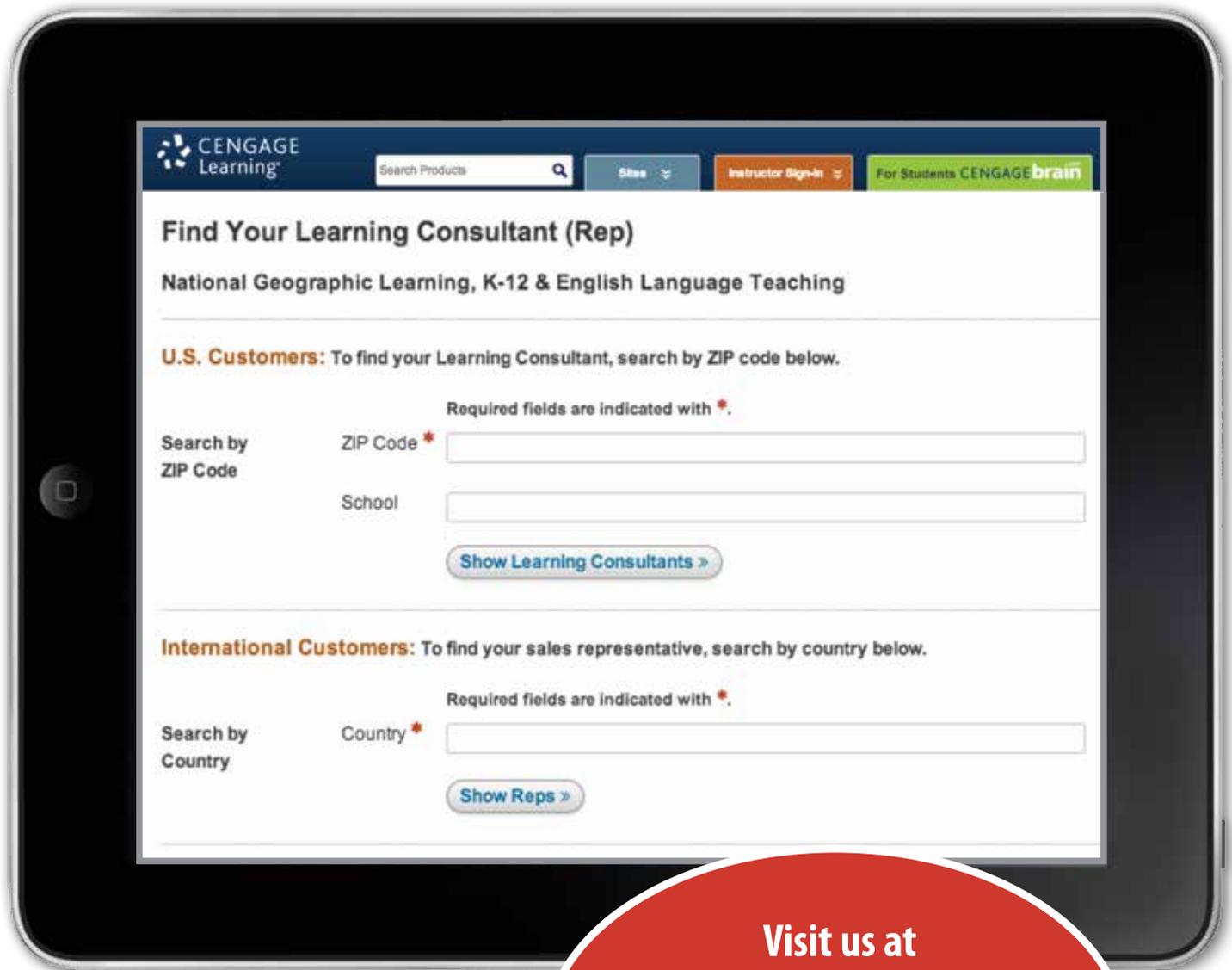
TABLE OF CONTENTS

- | | |
|--|--|
| Part I: Foundations: The Power of Mathematics | Part II: Applications: The Utility of Mathematics |
| 1. Arithmetic, Calculators, and Problem Solving | 7. Applications of Percent |
| 2. Sets of Numbers | 8. Sets and Logic |
| 3. Introduction to Algebra | 9. Probability |
| 4. Percents and Problem Solving | 10. Statistics |
| 5. Introduction to Geometry | 11. Graphs |
| 6. Measurement and Problem Solving | |

Mathematics: Its Power and Utility, Tenth Edition © 2013

ISBN 13	Product	Price
978-1-111-57742-1	Student Edition	194.75
978-1-133-49132-3	Student Survival and Solutions Manual	53.50
978-1-111-58152-7	Instructor's Annotated Edition	194.75
978-1-133-49129-3	PowerLecture CD-ROM with ExamView Testing	63.25

Educational Sales Consultants



Visit us at
NGL.Cengage.com/RepFinder
to find your sales
representative or call us at
888-915-3276