

Available Versions

Student Edition with
WileyPLUS Digital
Learning Environment

Student Edition with
Wiley E-Text

Algebra and Trigonometry

4th Edition ©2017

Cynthia Young

Algebra and Trigonometry, 4th Edition was developed to seamlessly align with how teachers teach and to fully support student learning. Cynthia Young's goal is to offer an intuitive, supportive program for students without sacrificing the rigor needed for true conceptual understanding and preparation for more advanced courses. *Algebra and Trigonometry* helps bridge the gap between classroom lessons and homework by mirroring the instructor voice outside the classroom through digital resources and learning activities.

The program's robust teaching and learning package includes additional resources in WileyPLUS Digital Learning Environment, such as videos, animations and more.

WileyPLUS is an easy way for students to learn, collaborate, and grow. With WileyPLUS, students create a personalized study plan, assess progress along the way, and make deeper connections as they interact with the course material and each other.

This collaborative learning environment provides immediate insight into strengths and problem areas through a combination of dynamic course materials and visual reports so that both you and your students can act on what's most important.

What's New in This Edition

- **Author Lecture Videos:** Video lectures provide an opening overview for each chapter and section level worked example videos for the topics students find the most challenging.
- **"Catch the Mistake" exercises:** "Catch the Mistake" exercises included in each course section put students in the role of the instructor grading homework, which increases the students' depth of understanding and reinforces what they have learned.
- **Correct vs. Incorrect examples:** In addition to standard examples, some problems are worked both correctly and incorrectly to highlight common errors students make. Counter examples like these are an effective learning approach for many students.
- **"Modeling Our World" projects:** Found online for every course section, these projects engage students by using real world data to model mathematical applications found in everyday life.
- **Cumulative Section Tests:** Cumulative tests are included at the end of each course section to assess and improve students' retention of material.
- **Expanded capabilities to customize your course.** Do you have your own questions you want programmed, or content removed or created especially for your course and your school? Maybe there is a paper practice set you've been using and want to make it an algorithmic, auto-graded experience in your WileyPLUS course. Wiley now offers course and instructional design services for our WileyPLUS users.

Key Features

- **Parallel Words and Math:** This course reverses the common presentation of examples by placing the explanation in words on the left and the mathematics problem on the right. This makes it easier for students to read through examples as the material flows more naturally and appears as information is commonly presented in lectures.
- **New Interactive Animations** based on Cynthia Young's lectures. Interactive animations were created to help students build a solid conceptual understanding of specific learning objectives by delivering learning content integrated with interactive questions to guide and solidify students' foundational knowledge of the topic.
- **Your Turn problems:** Students are frequently asked to work a problem immediately following an example to reinforce and check their understanding. This feature helps students build confidence as they progress in the course. These problems are ideal in-class activities that prepare students for their homework assignments.
- **Adaptive Practice** provides endless opportunities for practice to effectively prepare for class or quizzes and exams. Active retrieval of information with practice questions is proven to improve information retention better than re-reading or reviewing the material, and students who use adaptive practice to prepare for exams do significantly better than those who do not.

Teacher & Student Companion Sites

are available at wiley.com/college/

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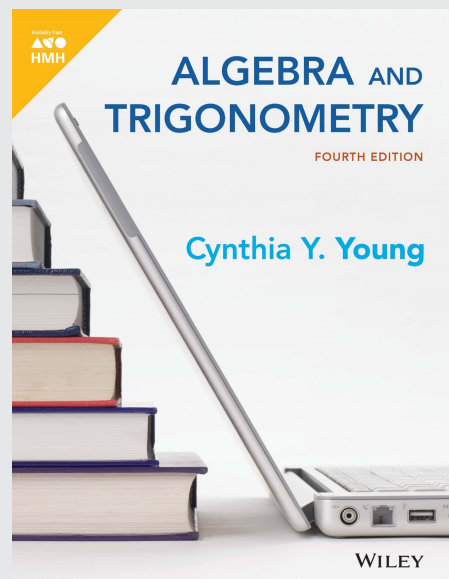


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