

Available Versions

Student Edition with
WileyPLUS Digital
Learning Environment

Student Edition
with E-Text

Trigonometry

4th Edition ©2017

Cynthia Young

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. The program helps bridge the gap between classroom lessons and homework by mirroring the instructor voice outside the classroom through digital resources and learning activities.

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.
- **Learning Objectives and Exercises:** Each section begins with skills objectives - what students should be able to do - and conceptual objectives - what students should understand. These elements are reinforced with both skills and conceptual exercises to facilitate understanding.

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.

Online Teacher Materials are available.

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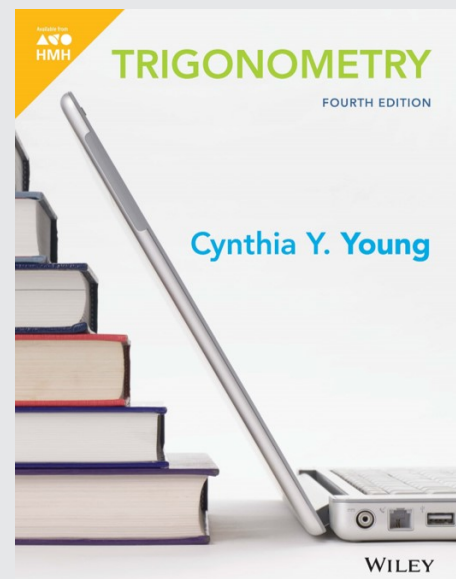


Table of Contents

1. Right Triangle Trigonometry
 2. Trigonometric Functions
 3. Radian Measure and the Unit Circle Approach
 4. Graphing Trigonometric Functions
 5. Trigonometric Identities
 6. Solving Trigonometric Equations
 7. Applications of Trigonometry: Triangles and Vectors
 8. Complex Numbers, Polar Coordinates, and Parametric Equations
- Appendix A: Algebraic Prerequisites
Appendix B: Conic Sections

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