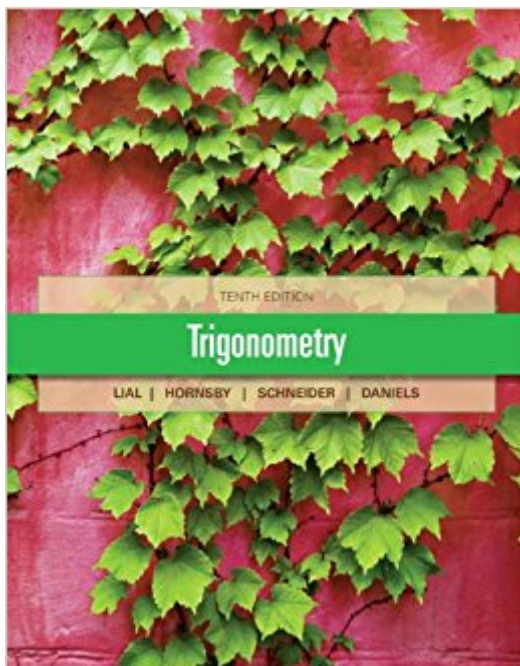


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# Trigonometry (10th Edition)



## Synopsis

Trigonometry, Tenth Edition, by Lial, Hornsby, Schneider, and Daniels, engages and supports students in the learning process by developing both the conceptual understanding and the analytical skills necessary for success in mathematics. With the Tenth Edition, the authors adapt to the new ways in which students are learning, as well as the ever-changing classroom environment.

## Book Information

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## Customer Reviews

Marge Lial has always been interested in math; it was her favorite subject in the first grade!

Marge's intense desire to educate both her students and herself has inspired the writing of numerous best-selling textbooks. Marge, who received Bachelor's and Master's degrees from California State University at Sacramento, is now affiliated with American River College. Marge is an avid reader and traveler. Her travel experiences often find their way into her books as applications, exercise sets, and feature sets. She is particularly interested in archeology. Trips to various digs and ruin sites have produced some fascinating problems for her textbooks involving such topics as the building of Mayan pyramids and the acoustics of ancient ball courts in the Yucatan. When John Hornsby enrolled as an undergraduate at Louisiana State University, he was uncertain whether he wanted to study mathematics education or journalism. His ultimate decision was to become a teacher, but after twenty-five years of teaching at the high school and university levels and fifteen years of writing mathematics textbooks, both of his goals have been realized. His love for both teaching and for mathematics is evident in his passion for working with

students and fellow teachers as well. His specific professional interests are recreational mathematics, mathematics history, and incorporating graphing calculators into the curriculum. John's personal life is busy as he devotes time to his family (wife Gwen, and sons Chris, Jack, and Josh). He has been a rabid baseball fan all of his life. John's other hobbies include numismatics (the study of coins) and record collecting. He loves the music of the 1960s and has an extensive collection of the recorded works of Frankie Valli and the Four Seasons. David Schneider has taught mathematics at universities for over 34 years and has authored 36 books. He has an undergraduate degree in mathematics from Oberlin College and a PhD in mathematics from MIT. During most of his professional career, he was on the faculty of the University of Maryland--College Park. His hobbies include travel, dancing, bicycling, and hiking. Callie Daniels has always had a passion for learning mathematics and brings that passion into the classroom with her students. She attended the University of the Ozarks on an athletic scholarship, playing both basketball and tennis. While there, she earned a bachelor's degree in Secondary Mathematics Education as well as the NAIA Academic All-American Award. She has two master's degrees: one in Applied Mathematics and Statistics from the University of Missouri-Rolla, the second in Adult Education from the University of Missouri- St. Louis. Her hobbies include watching her sons play sports, riding horses, fishing, shooting photographs, and playing guitar. Her professional interests include improving success in the community college mathematics sequence, using technology to enhance students' understanding of mathematics, and creating materials that support classroom teaching and student understanding.

I first learned trigonometry 26 years ago, and am currently a tutor in a Tutoring Center where math and English are the primary calls for our assistance. We started using this book on Trigonometry by Lial, Hornsby and Schneider last year, and it has been a real aid to all of us. The chapters are designed with brief overviews, 'Chapter Openers', at the beginning of each. There are sample exercises in the explanations, as well as exercises in the problem sets keyed to specific application of examples. There are summary exercises that give review of mixed concepts, pull-quote boxes (here called 'Function Boxes') to highlight the reference aspect of the text, and useful chapter reviews to the same. One thing that stands out about this text from the one I used so many years ago is the colour aspect. There are pictures, multi-coloured graphs and illustrations, and a general feel to the book that makes it visually worthwhile to look at. This book also takes advantage of the increasing sophistication of calculators - again, back when I took trigonometry, there were tables of data in the back for looking things up, since calculators (such as they were) had only

add/subtract/multiply/divide functions. The chapters go in a fairly standard pattern for trigonometry. Chapters progress from basic Trigonometric Functions, defining triangular and angular ideas. This continues more in depth with Acute Angles and Right Angles, then proceeds to Circular Functions, introducing Radian Measures in for good measure. The fourth chapter introduces graphing ideas for the circular functions (sine, cosine, etc.), while the sixth chapter introduces the idea of the inverse circular and trigonometric functions. Other chapters include trigonometric identities (this always seemed to me to be like geometry or logic using trig functions), vectors, complex numbers, polar equations, exponential and logarithmic functions. Many of these concepts have direct application in engineering and other sciences. This book is also geared for students who will be advancing on to calculus, and gives marginal notes on how trigonometry is used in calculus (so as to pre-empt the question, 'when am I ever going to use this?'). Actually, I found trigonometry to be among the more enjoyable math courses I ever took; together with geometry, it confirmed an early love of the discovery of patterns and symmetry in the very fabric of existence. This book reminds me of those early days of exploring ideas, and it is a pleasure to share these same ideas with new students via this text.

**Why I purchased:** My book was stolen from me at school and I needed a quick replacement. This was an acceptable substitute for the book we were using in class, so I was seeking to find the least expensive version just to replace my old book for the rest of the year. Not even paying \$5, this book would be an excellent substitute for the one that I had been stolen from me. I barely lost any time with prime shipping and the quality is very good. **What I love:** It was marked as "very good" and it definitely is! There is nothing that impairs the book's details, and for such a low price, I'm actually shocked that it is in such nice condition! The eighth edition has everything that I need and isn't too different from my old book. I really can't believe I got it for less than \$5. **What I don't love:** I have zero complaints related to this product, as it came when it was supposed to, does its job perfectly, and was so inexpensive. **Conclusion:** I recommend purchasing from this seller! Everything was described accurately and was at such a decent price. Thanks for the book!

The book was in awesome conditions, but I'm giving it two stars because the book really sucks. It explains everything in a really vague way. If you wanna learn, you will have to go to Khan academy and watch some videos. It sometimes explains a whole section in one page and gives you like four pages of exercises which you will not be able to solve with a one page explanation.

If you are looking for a thin book that will help you easily understand trigonometry without complicated jargon and unnecessary fluff, this is the book for you. However, if you want a deep understanding of trigonometry and want to know how to properly explain theories and equations to others, I would highly recommend getting a reference book to supplement this book.

Taking Math 1316 (Trigonometry) during the summer and this was the book assigned for the class. Please note that this review is for the book itself and not the online content that Pearson provides if you purchase the access code. (The rental does not come with an access code). The book follows a good content structure. The material is ordered carefully so that you don't get stuck on a question that references something discussed in a future chapter. For the most part, I have not encountered any typos or answer key mistakes on the back of the book. I'd recommend this book if you are taking Trigonometry or if you need to review on some core concepts.

Good enough job to teach trig. Better yet is the loose leaf format. It's the same book, it's cheaper, easier to keep than a hardcover, and again, cheap. The price is the same as renting one, but this one I get to keep, which is good because if you're taking trig, chances are you'll need trig in your career. Good to keep for reference.

I took trigonometry online during the summer so I needed a guide to assist me and I found this textbook to be perfect. I could work almost any problem solely by following the same example provided in the book and I usually had no problems. Got an A- in the class, too.

Rental was cheap and book was easy to understand with many problems to work with.

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