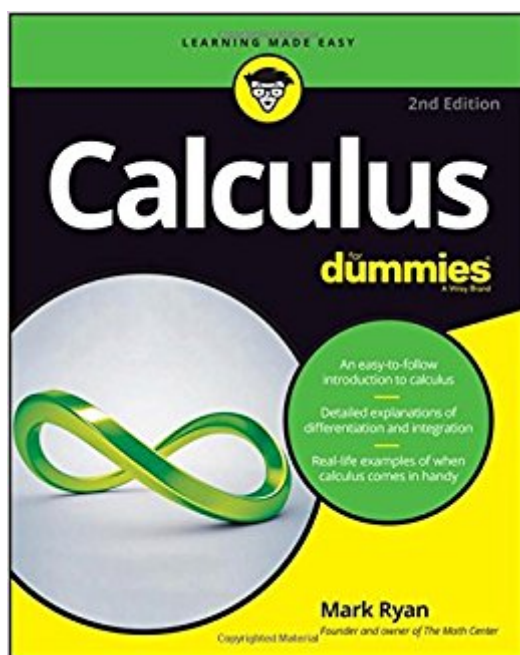


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# Calculus For Dummies (For Dummies (Lifestyle))



## Synopsis

Calculus For Dummies, 2nd Edition (9781119293491) was previously published as Calculus For Dummies, 2nd Edition (9781118791295). While this version features a new Dummies cover and design, the content is the same as the prior release and should not be considered a new or updated product. Slay the calculus monster with this user-friendly guide. Calculus For Dummies, 2nd Edition makes calculus manageable—even if you're one of the many students who sweat at the thought of it. By breaking down differentiation and integration into digestible concepts, this guide helps you build a stronger foundation with a solid understanding of the big ideas at work. This user-friendly math book leads you step-by-step through each concept, operation, and solution, explaining the "how" and "why" in plain English instead of math-speak. Through relevant instruction and practical examples, you'll soon learn that real-life calculus isn't nearly the monster it's made out to be. Calculus is a required course for many college majors, and for students without a strong math foundation, it can be a real barrier to graduation. Breaking that barrier down means recognizing calculus for what it is—simply a tool for studying the ways in which variables interact. It's the logical extension of the algebra, geometry, and trigonometry you've already taken, and Calculus For Dummies, 2nd Edition proves that if you can master those classes, you can tackle calculus and win. Includes foundations in algebra, trigonometry, and pre-calculus concepts Explores sequences, series, and graphing common functions Instructs you how to approximate area with integration Features things to remember, things to forget, and things you can't get away with Stop fearing calculus, and learn to embrace the challenge. With this comprehensive study guide, you'll gain the skills and confidence that make all the difference. Calculus For Dummies, 2nd Edition provides a roadmap for success, and the backup you need to get there.

## Book Information

Series: For Dummies (Lifestyle)

Paperback: 384 pages

Publisher: For Dummies; 2 edition (June 7, 2016)

Language: English

ISBN-10: 1119293499

ISBN-13: 978-1119293491

Product Dimensions: 7.2 x 0.7 x 9.1 inches

Shipping Weight: 1.2 pounds (View shipping rates and policies)

Average Customer Review: 4.2 out of 5 stars 118 customer reviews

Best Sellers Rank: #16,393 in Books (See Top 100 in Books) #56 in Books > Textbooks > Science & Mathematics > Mathematics > Calculus #63 in Books > Science & Math > Mathematics > Pure Mathematics > Calculus

## Customer Reviews

An easy-to-follow introduction to calculus Detailed explanations of differentiation and integration Real-life examples of when calculus comes in handy Conquer your calculus confusion If the thought of studying calculus makes you sweat, relax and fret no more! This hands-on, friendly guide makes calculus manageable. It leads you step-by-step through each concept, operation, and solution, explaining the "how" and "why" in plain English. Through detailed instruction and practical examples, you'll soon discover that calculus isn't nearly as bad as it's made out to be! Inside| What calculus is and why it works An algebra and trigonometry review The lowdown on limits How to use differentiation Integration techniques Infinite series Clever calculus shortcuts

Mark Ryan is the founder and owner of The Math Center, a math and test prep tutoring center in Winnetka, Illinois. He is the author of Calculus Workbook For Dummies, Calculus Essentials For Dummies, and three books on geometry in the For Dummies series. Ryan has taught junior high and high school math since 1989. He lives in Evanston, Illinois.

I used this book and Khan Academy together to learn calculus. It's a great resource. Teaching Calculus in 300 pages seems like it would be difficult, especially now that I understand some of it. The author did a very good job. And Wiley is my new favorite publisher.

So far, the material itself has been easy enough to understand and follow along. However, one thing I HATE in textbooks is when it is written "refer to figure x" and figure x is on a page before or after the material you're reading which requires you to flip back and fourth between the pictorial and the information. As a visual learner this is very frustrating. I'm only in chapter 3 and this has already happened about a handful of times.EDIT: As I go on with this text, I've decided to bump the review up a notch because the paper is very nice. It's refreshing to get real paper you can actually highlight on again after getting so many textbooks with glossy paper that really do not like to be written in.

Bought this for my niece. She was failing her calculus class. After getting this book and using it, she

pulled her grade up to an A in a few weeks. Recommend this book!

This is the best Dummies book I've bought. The author is a genius. He really explains the concepts very well and clear enough. When someone knows the materials, have plenty of experience teaching them, and happens to have a great sense of humor and is willing to write a book, there you have Mark Ryan. The materials are well organized and topics well chosen with plenty of jokes to enjoy. I recommend to read this book first before you take college calculus, so that you would have clear ideas about what calculus is about, and the important topics and examples. Don't imagine you can read this book can replace college calculus textbook, though. They serve different purposes.

Not as simple as it could be (not for total dummies) Spends time trying to help the reader understand calculus concepts instead of just solving problems. Watching youtube videos with more problem solving examples helped me more.

It might be a little redundant and even a little confusing first time around, but it's overall a great book. I haven't even taken a precalc class, and this book has already helped me to learn so much. The trick to making the most use out of this book is to kind of skim/read over it in your free time, then later sit back down and go over it while trying some practice problems out.

Son like book for his first year of college.

It took awhile to get my daughter (a high school senior) to actually open it. However once she did she went from complaining about a teacher that never really explained anything to getting straight As.

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