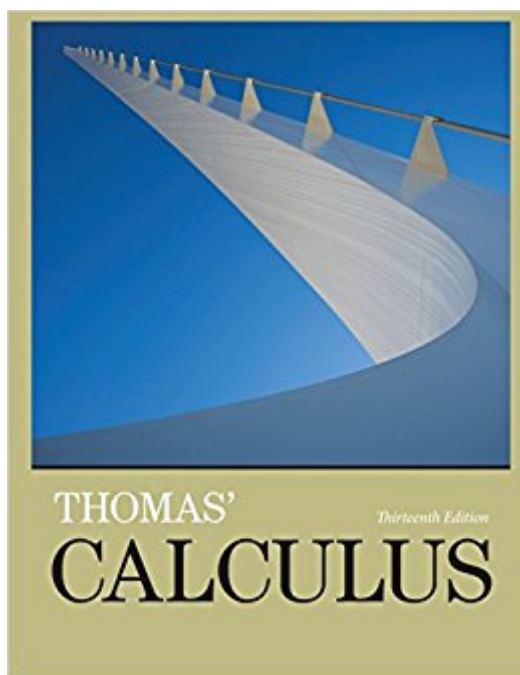


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# Thomas' Calculus (13th Edition)



## Synopsis

This text is designed for a three-semester or four-quarter calculus course (math, engineering, and science majors). Thomas<sup>™</sup> Calculus, Thirteenth Edition, introduces readers to the intrinsic beauty of calculus and the power of its applications. For more than half a century, this text has been revered for its clear and precise explanations, thoughtfully chosen examples, superior figures, and time-tested exercise sets. With this new edition, the exercises were refined, updated, and expanded “always with the goal of developing technical competence while furthering readers’ appreciation of the subject. Co-authors Hass and Weir have made it their passion to improve the text in keeping with the shifts in both the preparation and ambitions of today’s learners. ”

## Book Information

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## Customer Reviews

Joel Hass received his PhD from the University of California Berkeley. He is currently a professor of mathematics at the University of California Davis. He has coauthored six widely used calculus texts as well as two calculus study guides. He is currently on the editorial board of *Geometriae Dedicata* and *Media-Enhanced Mathematics*. He has been a member of the Institute for Advanced Study at Princeton University and of the Mathematical Sciences Research Institute, and he was a Sloan Research Fellow. Hass’s current areas of research include the geometry of proteins, three dimensional manifolds, applied math, and computational complexity. In his free time, Hass enjoys kayaking. Maurice D. Weir holds a BA and MS from Carnegie-Mellon University and received his BS at Whitman College. He is a Professor Emeritus of the Department of Applied

Mathematics at the Naval Postgraduate School in Monterey, California. Weir enjoys teaching Mathematical Modeling and Differential Equations. His current areas of research include modeling and simulation as well as mathematics education. Weir has been awarded the Outstanding Civilian Service Medal, the Superior Civilian Service Award, and the Schieffelin Award for Excellence in Teaching. He has coauthored eight books, including the University Calculus series and the twelfth edition of Thomas's Calculus. George B. Thomas, Jr. (late) of the Massachusetts Institute of Technology, was a professor of mathematics for thirty-eight years; he served as the executive officer of the department for ten years and as graduate registration officer for five years. Thomas held a spot on the board of governors of the Mathematical Association of America and on the executive committee of the mathematics division of the American Society for Engineering Education. His book, Calculus and Analytic Geometry, was first published in 1951 and has since gone through multiple revisions. The text is now in its twelfth edition and continues to guide students through their calculus courses. He also co-authored monographs on mathematics, including the text Probability and Statistics.

This is my second copy of this text. My first was the 9th edition, which I really liked. It had gotten too worn over the years, though, and I needed to replace it with a new text, as I want to go over all chapters again. I was a little hesitant on purchasing a newer edition, since I liked the older edition so well, but am glad I purchased this 12th edition. It's just as thorough as the 9th edition, if not more, and the illustrations are better. It also seems to have a little more and better exercises. I own quite a few other calculus textbooks, which are very high rated, but this Thomas text is still my most favorite.

So, I used the Stewart Calculus books for several years and after starting on the Thomas series, I am very impressed. It is far more tailored to teach me and my type of learning. I learn much quicker and easier with Thomas' Calculus. I would recommend this book for anyone learning calculus. Especially if you have the choice to choose what book your class uses. I am more of the type of practical learning and this is more focused on that type. Stewart Calculus books seemed to be more on the theoretical side. Anyway, it's a good book, even if it costs a bit more than the other popular ones.

This book served its purpose. It showed up on time and in perfect condition and had the answers to the problems that I needed. The solutions are laid out very nicely and this allows you to see not only

the answer, but also the work for each problem. I found nothing wrong with this solution manual and would strongly recommend getting it for any student who is struggling to understand the textbook problems. Thanks to this book I understand Calculus so much more and homework has become so much easier now that I am able to see what I am doing wrong!

I know that I'm in college. I know that I am learning higher math. But seriously, why do authors of math books have to make the simplest concepts sound so complicated? I would love it if a math book author would write in simple, easy to understand words and phrases (for once). Holy cow, it's the slope of a line --- not rocket science!

This is a helpful book, but occasionally the solution problem does not match the textbook problem numbers. I have the 13th edition of both the textbook and solution manual. Also, for those who are unaware...solution manuals (including this one) only give solutions to odd numbered problems.

I have used this solutions manual for nearly half the semester and it has been perfect. It assumes you know basic algebra so it will skip some steps when simplifying. The reason I gave it 4 stars instead of 5 is that in the section we are on now, the problems do not match the textbook. I bought the correct edition of the textbook so it should be the same but it isn't. Unfortunately, it is the sections where we are finding derivatives of trig functions. Not someplace you'd want to be left hanging. I haven't checked to see how much of the rest of the book is incorrect, however, so it may just be this one section. All in all, I'd recommend it.

The textbook is easy to use with well-written instructions on how to do the problems in the book. This textbook comes with a code which alone is around a \$100 value. The code allows you to connect to MyMathLab where you also have access to an online textbook. There are helpful problems included in the MyMathLab that your professor can unlock for you.

Solid textbook content. As useful as 'Larson's Calculus' but Thomas is a better all-around textbook. Do yourself a favor and use the 12th edition instead of the latest edition, which is no. 13. Save yourself a big mound of cash when you buy this older version. As they say, Calculus hasn't changed much in 200 years, relatively speaking. LOL.

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