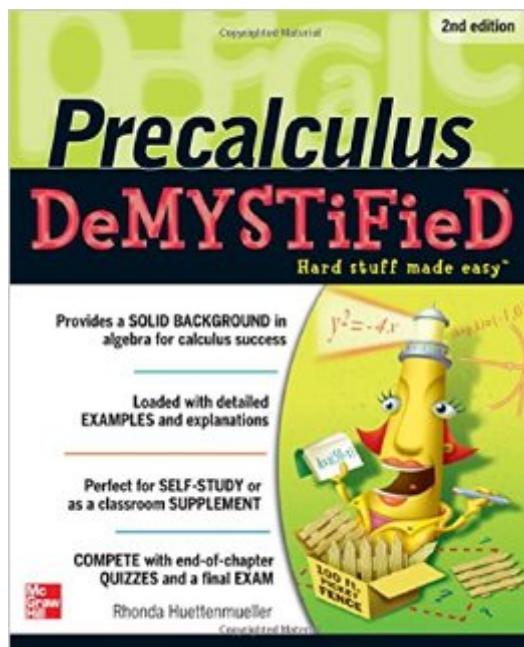


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# Pre-calculus Demystified, Second Edition



## Synopsis

Your step-by-step solution to mastering precalculus Understanding precalculus often opens the door to learning more advanced and practical math subjects, and can also help satisfy college prerequisites. Precalculus Demystified, Second Edition, is your key to mastering this sometimes tricky subject. This self-teaching guide presents general precalculus concepts first, so you'll ease into the basics. You'll gradually master functions, graphs of functions, logarithms, exponents, and more. As you progress, you'll also conquer topics such as absolute value, nonlinear inequalities, inverses, trigonometric functions, and conic sections. Clear, detailed examples make it easy to understand the material, and end-of-chapter quizzes and a final exam help reinforce key ideas. It's a no-brainer! You'll learn about: Linear questions Functions Polynomial division The rational zero theorem Logarithms Matrix arithmetic Basic trigonometry Simple enough for a beginner but challenging enough for an advanced student, Precalculus Demystified, Second Edition, Second Edition, helps you master this essential subject.

## Book Information

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## Customer Reviews

62 year old on the last rings of my life - want to keep the brain functioning - liked math in high school, so i'm just doing problems each night before bed - wish i had this series in school - programmed with answers following, so you get immediate feedback on what you've done - makes learning fun and keeps me alive in the brain and in my head and in my mind - so far the whole math

series is great

This is the best self teaching guide for Precalc. I bought this, The Complete's Idiot's Guide and Problem Solvers. This book was easier to understand and more useful. The only thing The Complete Idiot's Guide has over this is that it starts with the basics (classifying numbers, properties, key terms) whereas PreCalc Demystified starts off from Algebra 1. But the PreCalc Demystified shows how to solve Algebra 1 and 2 WORD Problems in the beginning (whether that's useful to you or not) chapters which the The Complete Idiot's Guide does not. This book helped me pass the CLEP Precalc.

I decided to go back to school to do a post bacc premed. I went up to calculus in high school but never learned anything. Since I have to take calc again I placed into precalc. This time I was determined not only to pass the class but to actually learn and understand and retain the info. Well, I'm glad I bought this book! My professor is so disorganized and does not explain the concepts in an easy to understand manner like Huettenmuller does. The chapters are short and easy to follow and every problem has explanations. I wish there were more problems to practice but the problems she provided seemed to be enough to retain the info. If you are taking a precalc class I suggest you read this book during the course. I always read the Huettenmuller book section before the corresponding class. This works so much better than going to the class first then trying to follow up with the book. No one in my class understands what's going on. I've suggested this book but other students don't want to do extra work. Am confident I'm building a good foundation for calc.

I picked this book because I needed something that would explain quickly and also test me along the way. On that regard, this book has done very well. However, as I progressed in the chapters I noticed more and more mistakes. Things like the problems worked as examples not being the same problems that were asked at the beginning of the section, or fractions flipped upside down so that the explanation made no sense. In chapter four, the book attempts to show us how to do  $f(g(x))$  and  $g(f(x))$  but works the first problem twice and the second one not at all. As I work through the book I notice other errors. Chapter six offers an explanation of completing the square in the Appendix that is definitely NOT there. I wouldn't accept this from a print book and I certainly won't accept it from an ebook either. Luckily I have enough of a background to notice the mistakes and not let them throw me, but others using this book might not be so lucky. I can only hope that the editors come out with an updated and corrected version of this book soon and that those of us who purchased it will be

given free upgrades.

Covered all the topics I covered my precalc class from two years ago- great review. Example problems are useful, Includes algebra review, functions (LOTS of functions), logs and lns, matrices, trig functions, conic sections, and series. After going through this book, I have started learning some calc and I feel well-prepared.

I am a student teaching myself Pre-Calculus over the winter break so I can go right into Calculus 1, and this is EXACTLY what I was looking for. Extremely clear, plenty of worked out examples, all organized very well into 14 chapters. Would highly recommend to anyone that wants to teach themselves Pre-Calculus, or as a supplement to the actual class, as modern textbooks are usually written extraordinarily bad. Or if you just want to brush up on the subject, this is just the book for you. Perfect! But really, what is up with the cover art.

I used this book to self-study precalculus on my way back to college for the first time in twenty years. I also had the "Blitzer PreCalculus" textbook as a reference. Both books are excellent--far better than what was available when I was in High School--but new editions of the Blitzer textbook cost ten times more than this book, so at a price point there is no comparison. Everything is covered clearly. If you do all the examples and all the practice problems, I don't see how you could fail to learn what you need to know. Obviously, most of the reviews of this book are positive. A few have said it's not sufficient to prep for CLEP but I don't agree--I've taken the Petersen's CLEP practice test using primarily what was in this book as study material, and though it turned out I didn't need to take that test, I have no doubt I was ready for it. A few have said this book is incomplete, but I'm not sure what is missing--\*maybe\* a few borderline topics that are debatable whether they need to be covered in a Pre-calc book. All in all, one of the best books I've ever seen on any topic, and cheap compared to many of the alternatives.

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