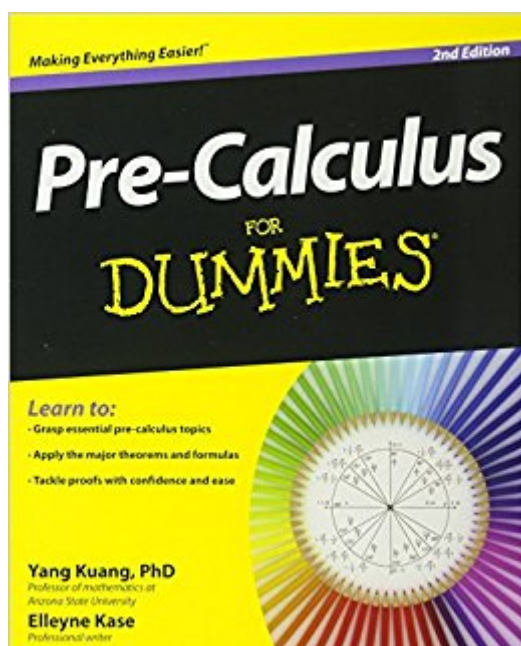


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# Pre-Calculus For Dummies



## Synopsis

The fun and easy way to learn pre-calculus Getting ready for calculus but still feel a bit confused? Have no fear. Pre-Calculus For Dummies is an un-intimidating, hands-on guide that walks you through all the essential topics, from absolute value and quadratic equations to logarithms and exponential functions to trig identities and matrix operations. With this guide's help you'll quickly and painlessly get a handle on all of the concepts – not just the number crunching – and understand how to perform all pre-calc tasks, from graphing to tackling proofs. You'll also get a new appreciation for how these concepts are used in the real world, and find out that getting a decent grade in pre-calc isn't as impossible as you thought. Updated with fresh example equations and detailed explanations Tracks to a typical pre-calculus class Serves as an excellent supplement to classroom learning If "the fun and easy way to learn pre-calc" seems like a contradiction, get ready for a wealth of surprises in Pre-Calculus For Dummies!

## Book Information

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## Customer Reviews

Grasp the principles and concepts you need to score high in pre-calculus Getting ready for calculus but feel confused? Have no fear! This un-intimidating guide walks you through all the essential topics, from absolute value and quadratic equations to logarithms and exponential functions to trig identities and matrix operations. You'll understand the concepts – not just the number crunching – and see how to perform all the tasks you need to score high at exam time. Pre-calculus 101 – get a review of the Algebra II you need to know, real numbers, and how

to graph, solve, and perform operations with functions What's your angle? • take a tour of the essentials of trigonometry, from angles, right triangles, and trig ratios to graphing the parent graph of the six basic trig functions Keep it simple • discover how to simplify trig expressions and solve for an unknown variable using formulas and identities (and solve triangles that aren't right triangles using Law of Sines and Law of Cosines) Not just plane thinking • delve into analytic geometry and system solving with the understanding of complex numbers, polar-coordinate graphing, conics, systems of equations, sequences, and more Open the book and find: An overview of pre-calculus Tips on graphing trig functions like a pro How to apply the major theorems and formulas The lowdown on analytic geometry Guidance on identifying limits and continuity The 4-1-1 on working with a graphing calculator The laws for solving oblique triangles Everything you need to prepare for calculus Learn to: Grasp essential pre-calculus topics Apply the major theorems and formulas Tackle proofs with confidence and ease

Yang Kuang, PhD, is a professor of mathematics at Arizona State University. He currently serves on the calculus committee where he and other members discuss what and how to teach calculus to students majoring in math and physical sciences. Elleyne Kase is a professional writer.

A solid resource for either an introduction to calculus or to reacquaint yourself with the subject. It is easy to understand, follow, and it breaks information and examples down nicely. Overall, I am pleased with my purchase and refer to it often.

Useful in helping me learn pre calculus before I need to take calculus in the fall. I'm usually good at self teaching but I do also feel this book is designed to really help people who aren't that great at self teaching and might be struggling.

My son needed supplemental material for his pre-calc course. It seems to be helpful. Came fast with expedited shipping.

Very Helpful and a good reference book.

This book has helped me a lot in Pre-Calculus. Good explanations that I can follow. Works well with the Pre-Calculus Workbook for Dummies by the same author. Textbooks often skip over steps in factoring or simplifying, but this one spells out almost all steps, and that can really help when you sit

down to do your homework.

perfect

Promptly shipped, good price, excellent product.

Just what I needed. Ordered along with quick reference and workbook. Together, they are a great tool for getting up to Calc standards!

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