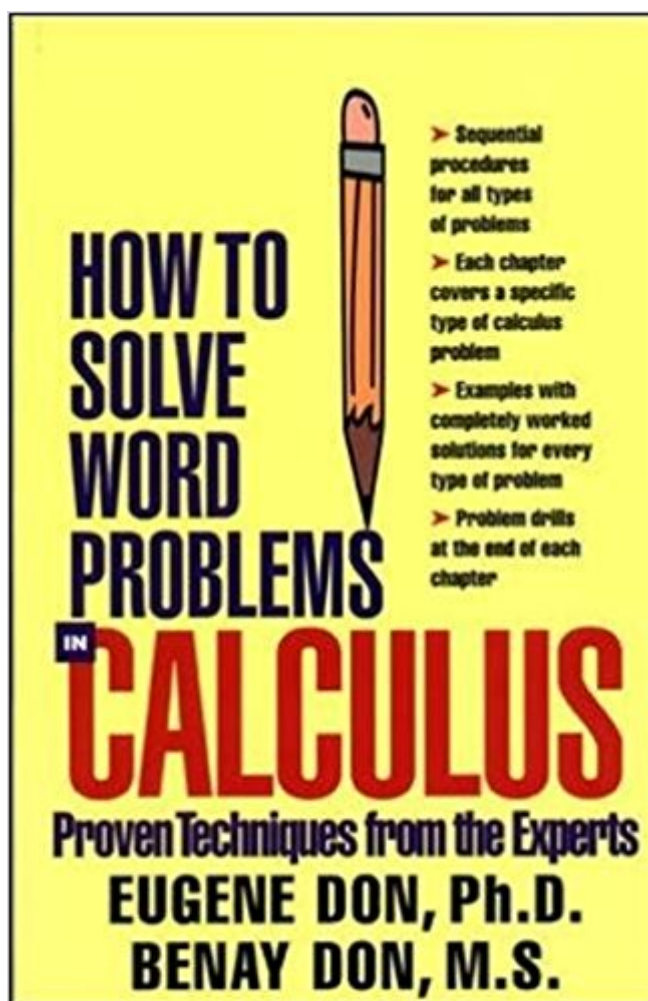




The book was found

How To Solve Word Problems In Calculus



Synopsis

Considered to be the hardest mathematical problems to solve, word problems continue to terrify students across all math disciplines. This new title in the World Problems series demystifies these difficult problems once and for all by showing even the most math-phobic readers simple, step-by-step tips and techniques. How to Solve World Problems in Calculus reviews important concepts in calculus and provides solved problems and step-by-step solutions. Once students have mastered the basic approaches to solving calculus word problems, they will confidently apply these new mathematical principles to even the most challenging advanced problems. Each chapter features an introduction to a problem type, definitions, related theorems, and formulas. Topics range from vital pre-calculus review to traditional calculus first-course content. Sample problems with solutions and a 50-problem chapter are ideal for self-testing. Fully explained examples with step-by-step solutions.

Book Information

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Customer Reviews

WORD PROBLEMS?? NO PROBLEM!! Be prepared when you get to the word-problem section of your test! With this easy-to-use pocket guide, solving word problems in calculus becomes almost fun. This anxiety-quelling guide helps you get ready for those daunting word problems, one step at a time. With fully explained examples, it shows you how easy it can be to translate word problems into solvable calculus problems and get the answers right! You get complete directions for

solving problems commonly found in high-school and college text books. There's no word problem too tough for How To Solve Word Problems in Calculus! Sanity-saving features include:
Step-by-step approach to word problems Complete explanations of every step Fully explained answers Dozens of sample problems Problems of every type Skill-checking practice drill If you don't have a lot of time but want to excel in class, this book helps you: Brush up before tests Solve problems quickly Understand the material Master word problems without spending hours with lengthy textbooks The book that solves word-problem problems!

Eugene Don (Coram, NY) is Professor of Mathematics at Queens College of the City University of New York. He is also the author of Schaum's Outline of Mathematica.

I was first introduced to the mysteries of limits, differentiation, and integration in the Winter of 1966. I used a text no longer available, one that really stretched your abilities through the variety and difficulty of elementary problems offered up for exercise. Since that time, I have seen many a calculus book come and go where most contain the same old tired and unimaginative problem set. This book definitely fills that woeful gap. Not only does "How to Solve Word Problems in Calculus" present a great variety of classic derivative problems completely worked out, but it also presents the solutions in a step-by-step fashion, which helps the student thoroughly familiarize themselves with a basic problem-solving process as presented in an early chapter. One thing that I like is the emphasis on precise picture drawing that allows for crucial left-right brain integration--very important when trying to figure out exactly what quantity (and subsequently function) we are trying to optimize. If the book has a weakness, it is the lack of really new and innovative problems in integration. But, integration has traditionally been a subject that eludes elementary applications other than the usual geometric fare. Don't let this stop you from buying this great and valuable teacher resource!

Good if you are reviewing college calculus. Shows problems from a applied approach rather than a theoretical one.

Exactly what I wanted. The explanations are very clear. The book arrived sooner than I expected and in excellent condition.

it's calculus, find as many ways to solve it as you can! This book helped. Just remember you have to put in the time and work to learn anything.

Very useful. I need something that can walk you through these types of problems.

Great for review while in Calculus 1

This book is really good for learning to solve basic calculus problems. Clear explanations and good selection of problems. Highly recommended.

If you are like me and never quite got how to do word problems then this book is for you. It explains how the adjectives and adverbs translate into mathematical terms that you can use to solve any textbook word problem that you would encounter. It is even good for business and engineering problem solutions.

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