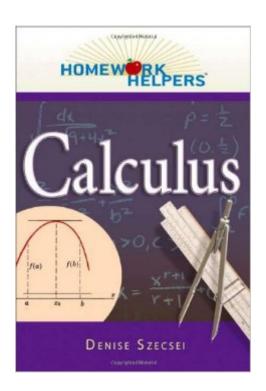
The book was found

Homework Helpers: Calculus (Homework Helpers)





Synopsis

This title in the Homework Helpers series tackles the most advanced mathematical course in most high schools: Calculus. The concepts are explained in everyday language before the examples are worked. Good habits, such as checking your answers after every problem, are reinforced. There are practice problems throughout the book, and the answers to all of the practice problems are included. The problems are solved clearly and systematically, with step-by-step instructions provided. Particular attention is placed on topics that students traditionally struggle with the most. While this book could be used to supplement a standard calculus textbook, it could also be used by college students or adult learners to refresh long-forgotten concepts and skills. Homework Helpers: Calculus is a straightforward and understandable introduction to differential calculus and its applications. It covers all of the topics in a typical Calculus class, including: Limits Continuity The product, quotient and chain rules Implicit differentiation Related rates Graphical analysis Optimization This book also contains a review of the pre-calculus concepts that form the foundation on which calculus is built.

Book Information

Paperback: 288 pages

Publisher: Career Press; 1 edition (October 15, 2006)

Language: English

ISBN-10: 1564149145

ISBN-13: 978-1564149145

Product Dimensions: 6.1 x 0.7 x 9 inches

Shipping Weight: 1 pounds (View shipping rates and policies)

Average Customer Review: 4.6 out of 5 stars Â See all reviews (9 customer reviews)

Best Sellers Rank: #973,975 in Books (See Top 100 in Books) #115 in Books > Science & Math > Mathematics > Pure Mathematics > Fractals #915 in Books > Science & Math > Mathematics > Study & Teaching #1235 in Books > Textbooks > Science & Mathematics > Mathematics >

Customer Reviews

Calculus

This is an excellent review aid or supplement, although the title "Homework Helper" is a misnomer. The book concentrates on important "need to know" concepts, while generally skipping the "nice to know" ones. As expected in a book this small, both breadth and depth of coverage are limited. This is a strength and a weakness. The smaller size means the book keeps its focus on key concepts,

i.e., the foundations of introductory calculus. It also means the book is easier to hold and use than typically much more massive introductory calculus texts and, of course, it means the book can be completed in a much shorter time. However, it also means calculus coverage is significantly limited. Thus, while this is a nice text to help establish a solid calculus foundation, it would be significantly less value as a "homework helper". If extended homework help is needed, more comprehensive problem-solving supplements, particularly those containing a greater variety of problems and solutions, would be required. Over a quarter of the book is devoted to an introductory precalculus review, which includes linear, quadratic, exponential, logarithmic, and trigonometric functions, and the difference quotient. Even though the book presents introductory material in preparation for calculus, readers will need some prior experience with algebra, as terms and symbols are occasionally introduced without prior explanation, e.g., the symbol for union in lesson 1-2. Following the precalculus introduction, the book moves on to limits, continuity, and differential and integral calculus. Of the material devoted to differentiation and integration, about 80% covers differential calculus. The material is presented along with examples that include all key solution steps.

Download to continue reading...

Homework Helpers: Calculus (Homework Helpers) Homework Helpers: Biology (Homework Helpers (Career Press)) Week-by-Week Homework for Building Reading Comprehension & Fluency: Grade 1 (Week-by-Week Homework For Building Reading Comprehension and Fluency) Hablo Ingles! Pictures & Words Homework Booklet, Level 1 (Homework Booklets) (Spanish and English Edition) Hablo Ingles! Words & Phrases Homework Booklet, Level 2 (Homework Booklets) (Spanish and English Edition) Spanish Homework Booklet, Middle School / High School, Level 2 (Homework Booklets) (Spanish and English Edition) Spanish Homework Booklet, Elementary, Level 2 (Homework Booklets) (Spanish and English Edition) The Calculus Lifesaver: All the Tools You Need to Excel at Calculus (Princeton Lifesaver Study Guides) Student Solutions Manual for Stewart/Day's Calculus for Life Sciences and Biocalculus: Calculus, Probability, and Statistics for the Life Sciences Calculus for Biology and Medicine (Calculus for Life Sciences Series) The Absolute Differential Calculus (Calculus of Tensors) (Dover Books on Mathematics) Calculus - Study and Solutions Guide Volume II to accompany Calculus w/ Analytic Geometry Solutions Manual for: Calculus With Trigonometry and Analytic Geometry (Saxon Calculus) 1st (first) Edition by John Saxon, Frank Wang, John Young, Diana Harvey published by Saxon Publishers (1999) Bundle: Calculus: Early Transcendentals, Loose-Leaf Version, 8th + Enhanced WebAssign Printed Access Card for Calculus, Multi-Term Courses 5 Steps to a 5 AP Calculus BC 2017 (5 Steps to a 5 Ap Calculus Ab/Bc) Short Calculus: The Original Edition of "A First Course in Calculus" (Undergraduate Texts in

Mathematics) Dentists Help Us (All about Community Helpers) A Doctor's Tools (Community Helpers and Their Tools) INVISIBLE HELPERS (Timeless Wisdom Collection Book 447) Tutorials in Introductory Physics: Homework

<u>Dmca</u>