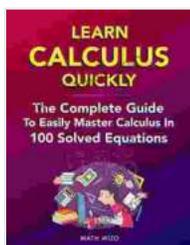


# The Complete Guide to Easily Master Calculus in 100 Solved Equations

Calculus is a branch of mathematics that deals with change. It is used to solve problems in a wide variety of fields, including physics, engineering, economics, and finance. Calculus can be a challenging subject, but it is also very rewarding. Mastering calculus can give you a powerful new way to understand the world around you.



## Learn Calculus Quickly: The Complete Guide To Easily Master Calculus In 100 Solved Equations! by Math Wizo

★★★★☆ 4.3 out of 5

Language	: English
File size	: 8886 KB
Text-to-Speech	: Enabled
Screen Reader	: Supported
Enhanced typesetting	: Enabled
Word Wise	: Enabled
Print length	: 86 pages
Lending	: Enabled



This book is a step-by-step guide to mastering calculus in 100 solved equations. Each equation is carefully explained, and there are plenty of practice problems to help you solidify your understanding. By the end of this book, you will be able to solve calculus problems with confidence.

## Chapter 1: The Basics of Calculus

In this chapter, we will cover the basics of calculus, including limits, derivatives, and integrals. These are the fundamental concepts of calculus, and they are essential for understanding more advanced topics.

## **1.1 Limits**

A limit is a value that a function approaches as the input approaches a certain value. Limits are used to define derivatives and integrals, and they are also used to solve a variety of problems in calculus.

## **1.2 Derivatives**

A derivative is a measure of how a function changes with respect to its input. Derivatives are used to find the slope of a curve, the velocity of an object, and the acceleration of an object.

## **1.3 Integrals**

An integral is a measure of the area under a curve. Integrals are used to find the volume of a solid, the work done by a force, and the center of mass of an object.

## **Chapter 2: Applications of Calculus**

In this chapter, we will explore some of the applications of calculus. We will see how calculus can be used to solve problems in physics, engineering, economics, and finance.

### **2.1 Physics**

Calculus is used to solve a wide variety of problems in physics, including the motion of objects, the forces acting on objects, and the energy of objects.

## 2.2 Engineering

Calculus is used to solve a wide variety of problems in engineering, including the design of bridges, the design of airplanes, and the design of rockets.

## 2.3 Economics

Calculus is used to solve a wide variety of problems in economics, including the pricing of goods and services, the allocation of resources, and the growth of economies.

## 2.4 Finance

Calculus is used to solve a wide variety of problems in finance, including the pricing of stocks and bonds, the management of risk, and the planning of investments.

Calculus is a powerful tool that can be used to solve a wide variety of problems in many different fields. This book has provided a step-by-step guide to mastering calculus in 100 solved equations. By the end of this book, you will be able to solve calculus problems with confidence.

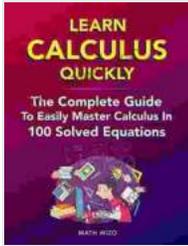
I encourage you to start practicing calculus today. The more you practice, the more comfortable you will become with the subject. And the more comfortable you become with calculus, the more powerful you will become.

Thank you for reading!

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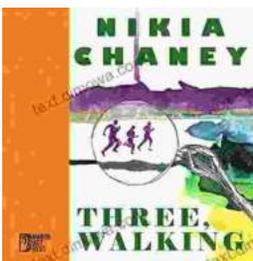


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