

Chapter 1 : TI Plus Graphing Calculator for Dummies by Jeff McCalla

From TI Plus Graphing Calculator For Dummies. By C. C. Edwards. The TI Plus graphing calculator is designed to make graphing easy. The buttons on the TI Plus calculator help you set up a graph, give you access to math constants, and zoom in on different aspects of it.

All other trademarks are the property of their respective owners. For general information on our other products and services or to obtain technical support, please contact our Customer Care Department within the U. Wiley also publishes its books in a variety of electronic formats. Some content that appears in print may not be available in electronic books. Library of Congress Control Number: Edwards has a Ph. She has been using technology in the classroom since before Texas Instruments came out with their first graphing calculator, and she frequently gives workshops at national and international conferences on using technology in the classroom. She has written forty activities for the Texas Instruments Explorations Web site, and she was an editor of Eightysomething, a newsletter that used to be published by Texas Instruments. Just barely five feet tall, CC, as her friends call her, has three goals in life: As yet, she is nowhere close to meeting any of these goals. When she retires, she plans to become an old lady carpenter. Dedication This book is dedicated to Mr. August, my sixth-grade teacher. Melody and Kala very quickly taught me that a For Dummies book is a very special type of book. In fact, I think it is safe to say that these three people have made me a better teacher. And I give many, many thanks to my math soulmates Ioana Mihaila, Olcay Akman, and Fusun Akman for the stimulating conversations and great friendship. I also thank their children Iulia, Cornelia, and Devin for the many happy times we have had together. A special thanks goes to Devin for lending me his TI calculator. Some of the people who helped bring this book to market include the following: Christopher Morris Acquisitions Editor: Melody Layne Senior Copy Editor: Barry Childs-Helton Technical Editor: Kevin Kirschner Permissions Editor: Laura Moss Media Development Supervisor: Richard Graves Editorial Assistant: Maridee Ennis Layout and Graphics: Making Friends with the Calculator Coping with the Basics The Math and Angle Menus Dealing with Complex Numbers Finding the Best Deal Graphing and Analyzing Functions Drawing on a Graph Sequences, Parametric Equations, and Polar Equations Dealing with Statistical Data Creating and Editing Matrices Communicating with PCs and Other Calculators The Part of Tens Eleven Common Error Messages Coping with the Basics. The Math and Angle Menus. Dealing with Complex Numbers. Enter or edit the equation to be solved Assign values to variables Define the solution bounds Finding the Best Deal. Drawing on a Graph. Dealing with Statistical Data. Creating and Editing Matrices. Eleven Common Error Messages. Contained within these pages are straightforward, easy-to-follow directions that tell how to do everything listed here and much, much more. About This Book Although this book does not tell you how to do everything the calculator is capable of doing, it gets pretty close. It covers more than just the basics of using the calculator, paying special attention to warning you of the problems you could encounter if you knew only the basics of using the calculator. This is a reference book. Sometimes the TI works differently from the other two Plus calculators. When I want you to press a key on the calculator, I use an icon for that key. All keys on the calculator are pressed one at a time. On the calculator, there is no such thing as holding down one key while you press another key. So when I want you to access one of those functions, I give you the actual keystrokes. Other items that you may not need to read are the paragraphs that follow the steps in a procedure. These paragraphs are designed to give you extra help should you need it. The steps themselves are in bold; the explanatory paragraphs are in a normal font. My foolish assumptions are as follows: How This Book Is Organized The parts of this book are organized by tasks that you would like to have the calculator perform. Making Friends with the Calculator This part describes the basics of using the calculator. It addresses such tasks as adjusting the contrast and getting the calculator to perform basic arithmetic operations. This part tells you how to use the many great functions housed in the Math menu, such as the function that converts a decimal to a fraction. This part also tells you how to deal with complex numbers and use the calculator to solve an equation. Dealing with Finances This part tells you how to use the really great Finance application housed in your calculator to do things like calculate the best interest

rate and find internal rates of return. Graphing and Analyzing Functions In this part, think visual. Part IV tells you how to graph and analyze functions, draw on your graph, and create a table for the graph. Sequences, Parametric Equations, and Polar Equations This part describes how you can graph and analyze parametric equations, polar equations, and sequences. Dealing with Matrices Red pill or blue pill? Part VII takes you deep inside the world of matrices. Part VIII describes how you can save calculator files on a computer and how you can transfer files from one calculator to another. This part tells you about the many wonderful applications you can put on your calculator and it describes the most common errors and error messages that you may encounter. The text following this icon tells you about shortcut and other ways of enhancing your use of the calculator. There is no such thing as crashing the calculator. Where to Go from Here This book is designed so that you do not have to read it from cover to cover. When you want to know how to get the calculator to do something, just start reading at the beginning of the appropriate section. In addition to showing you how to use the calculator to evaluate arithmetic expressions, I discuss the elementary calculator functions including multi-use keys, menus, modes, and the Catalog. I also cover expressions and the order of operations, storing and recalling variables, and combining expressions. With them, you can graph and investigate functions, parametric equations, polar equations, and sequences. You can use them to analyze statistical data and to manipulate matrices. You can even use them to calculate mortgage payments. After all, it contains about two dozen menus, many of which contain three or four submenus. After you get familiar with what the calculator is capable of doing, finding the menu that houses the command you need is quite easy. And you have this book to help you along the way. When to Change the Batteries The convenience of battery power has a traditional downside: What if the batteries run out of juice at a crucial moment, say during a final exam? Fortunately, the calculator gives you some leeway. After you see this message for the first time, the calculator should, according to the manufacturer, continue to function just fine for at least one week. There is one exception: Chapter 27 explains how to download applications. Above the AAA battery chamber is a panel that opens to the compartment containing the backup battery. The type of battery housed in this compartment is indicated on the lid of the panel. The manufacturer recommends that you replace this battery every three or four years. So mark your calendar! Turning the Calculator On and Off Press 2ND to turn the calculator on.

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Chapter 3 : TI Plus Graphing Calculator for Dummies by C.C. Edwards

ti plus plus graphing graphing calculator high school use the calculator bought this book college algebra statistics class use my ti-calculator for dummies great book helpful book book to help dummies book good book book much calculator book manual helped functions.

Chapter 4 : TI Plus Graphing Calculator for Dummies® by C. C. Edwards (, Paperback) | eBay

Part of TI Plus Graphing Calculator For Dummies Cheat Sheet Get the most from your TI Plus graphing calculator by knowing some important keystrokes. With the TI Plus calculator, you can insert or delete symbols, add a value to a variable, evaluate expressions, and more.

Chapter 5 : Ti 83 plus graphing calculator for dummies pdf

Here's where your TI Plus calculator draws pretty pictures. After you have entered functions into the TI Plus calculator, you can use the following steps to graph the functions: Turn off any Stat Plots that you don't want to appear in the graph of your functions. To turn off a highlighted.

Chapter 6 : NEW TI Plus Graphing Calculator For Dummies by C. C. Edwards | eBay

Author s Acknowledgments I'd like to thank Connie Hughes, business development manager at Texas Instruments, for suggesting that I write this book and for.

Chapter 7 : TI Plus Graphing Calculator for Dummies? by C. C. Edwards | eBay

I bought this book to help me figure out how to use my TI Plus for College Algebra. When I took Algebra in high school over 30 years ago, no one used calculators like this - we had to learn to figure everything on paper.

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