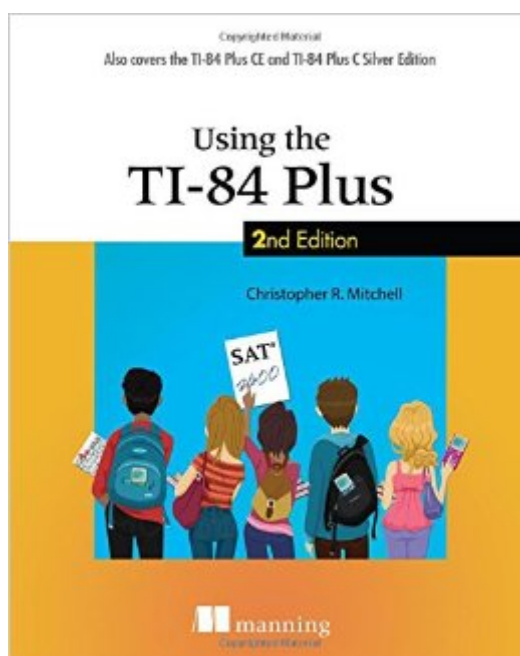


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# Using The TI-84 Plus



## Synopsis

**Summary**This easy-to-follow book includes terrific tutorials and plenty of exercises and examples that let you learn by doing. It starts by giving you a hands-on orientation to the TI-84 Plus calculator. Then, you'll start exploring key features while you tackle problems just like the ones you'll see in your math and science classes.**Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications.****About this Book**With so many features and functions, the TI-84 Plus graphing calculator can be a little intimidating. But fear not if you have this book in your hand! In it you'll find terrific tutorials ranging from mastering basic skills to advanced graphing and calculation techniques, along with countless examples and exercises that let you learn by doing.**Using the TI-84 Plus, Second Edition** starts by making you comfortable with the screens, buttons, and special vocabulary you'll use every time you fire up the TI-84 Plus. Then, you'll master key features and techniques while you tackle problems just like the ones you'll see in your math and science classes. You'll even get tips for using the TI-84 Plus on the SAT and ACT math sections!**No advanced knowledge of math or science is required.****What's Inside**Learn hands-on with real examples and exercisesFind specific answers fastCompliant with all models of the TI-83 Plus and TI-84 PlusFull coverage of the color-screen TI-84 Plus CE and TI-84 Plus C Silver Edition**Christopher Mitchell, PhD.** is a research scientist studying distributed systems, the founder of the programming and calculator support site [cemetech.net](http://cemetech.net), and the author of Manning's *Programming the TI-83 Plus/ TI-84 Plus*.**Table of Contents**PART 1 BASICS AND ALGEBRA ON THE TI-84 PLUSWhat can your calculator do?Get started with your calculatorBasic graphingVariables, matrices, and listsPART 2 PRECALCULUS AND CALCULUSExpanding your graphing skillsPrecalculus and your calculatorCalculus on the TI-83 Plus/TI-84 PlusPART 3 STATISTICS, PROBABILITY, AND FINANCECalculating and plotting statisticsWorking with probability and distributionsFinancial toolsPART 4 GOING FURTHER WITH THE TI-83 PLUS/TI-84 PLUSTurbocharging math with programmingThe TI-84 Plus CE and TI-84 Plus C Silver EditionNow what?

## Book Information

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## Customer Reviews

I have the older version of this book, which I use to loan out to students having difficulty with their TI-84 Plus or who want to learn more options. The TI-84 Plus is the workhorse of high school math. That said, many students (and teachers) buy one, and use it to do tasks a one dollar calculator can complete. Sort of like buying a sports car, and never driving it over 5 mph. These are clear, step by step instructions covering everything even a pretty advanced student at the high school level will use. The book even has a section on programming the calculator. The author also covers what to do if your calculator is having issue, which I much appreciate since I always have to google those problems. A nice table in the back covers error messages, and explanations are also given for what to do to reboot the whole thing. There is a learning curve to mastering a TI-84 Plus. This book will make it shorter, but you still will need to put in some effort to learning to use it well. With the step by step examples, you can find problems similar to those you are doing in class and follow along to figure out how to make the most of your TI-84 Plus. There are actual screen shots, which are very helpful. The weakness I found was in the explanation for running statistical tests. For example, your calculator can run ANOVA, but I could not find any mention of how to do so in the book. Some basics on t tests and z tests are covered, so I am not sure where the author drew the line as far as explaining the statistical capabilities of the TI 84 Plus. Not a lot of high school classes cover that level of stat (so I will not ding the book for this), but do be aware there is less about statistics in here than there is about more typical high school classes.

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