

Ti Nspire User Guide

The only guide from the ACT organization, the makers of the exam, revised and updated for 2017 and beyond The Official ACT Prep Guide, 2018 Edition, Revised and Updated is the must-have resource for college bound students. The guide is the go-to handbook for ACT preparation and the only guide from the makers of the exam. The book and online content includes the actual ACT test forms (taken from real ACT exams). In addition, this comprehensive resource has everything students need to know about when they are preparing for and taking the ACT. The book contains information on how to register for the exam, proven test-taking strategies, ideas for preparing mentally and physically, gearing up for test day, and much more. This invaluable guide includes additional questions and material that contains articles on everything from preparing a standout college application and getting into your top-choice school to succeeding in college The bestselling prep guide from the makers of the ACT test Offers bonus online contest to help boost college readiness Contains the real ACT test forms used in previous years This new edition offers students updated data on scoring your writing test, new reporting categories, as well as updated tips on how to do your best preparing for the test and on the actual test day from the team at ACT. It also offers additional 400 practice questions that are available online.

Tailored to mirror the AP Statistics course, "The Practice of Statistics" became a classroom favorite. This edition incorporates a number of first-time features to help students prepare for the AP exam, plus more simulations and statistical thinking help, and instructions for the TI-89 graphic calculator."

Do you own a TI-89, TI-89 Titanium, TI-92 Plus, or a Voyage 200 graphing calculator? If you do, or if you need to get one for school or your job, then you need to know how it works and how to make the most of its functions. TI-89 For Dummies is the plain-English nuts-and-bolts guide that gets you up and running on all the things your TI-89 can do, quickly and easily. This hands-on reference guides you step by step through various tasks and even shows you how to add applications to your calculator. Soon you'll have the tools you need to: Solve equations and systems of equations Factor polynomials Evaluate derivatives and integrals Graph functions, parametric equations, polar equations, and sequences Create Stat Plots and analyze statistical data Multiply matrices Solve differential equations and systems of differential equations Transfer files between two or more calculators Save calculator files on your computer Packed with exciting and valuable applications that you can download from the Internet and install through your computer, as well as common errors and messages with explanations and solutions, TI-89 For Dummies is the one-stop reference for all your graphing calculator questions!

This guide is based on the TI-Nspire operating system 4.4.0.532. It is a student and teacher reference guide. Students can also remove pages to supplement their summary notes, write notes on the blank pages and even cut out sections to

paste into summary notes for their end-of-year exams. Topics include: Data Analysis, Recursion and Financial Modelling, Geometry and Measurement, Graphs and Relations. At times throughout this guide, students are offered exam tips and techniques, which they can apply to practice assessments throughout the year and in particular, to their end-of-year exams.

The only guide from the ACT organization, the makers of the exam, with 5 genuine, full-length practice tests in print and online. The Official ACT Prep Guide 2020-2021 is the only guide from the makers of the exam and it includes actual ACT test forms (taken from past ACT exams). It offers 5 actual ACT tests (all with optional writing tests) so you can practice at your own pace. To help you review, this guide provides detailed explanations for every answer and practical tips on how to boost your score on the English, math, reading, science, and optional writing tests. The test creators also created online resources accessible through this book. You can practice online with 5 full length practice tests to mimic the test day experience. These test questions can be organized, filtered, and tracked to test your exam performance. Get ready for test day with this bestselling guide to the ACT! The Official ACT Prep Guide 2020-2021 will help you feel comfortable, confident, and prepared to do your best to ace the ACT! The Official ACT Prep Guide 2020-2021 includes: Information about the September 2020 ACT enhancements Real ACT test forms used in previous years' exams Five full-length tests available in the book and online, including one NEW full-length test with optional writing test Online practice that mimics the testing experience Customizable questions bank with detailed answer explanations Helpful advice for test day

Help students overcome their apprehension about statistics with Brase and Brase's UNDERSTANDING BASIC STATISTICS. A condensed and more streamlined version of the same authors' bestselling UNDERSTANDABLE STATISTICS, Eleventh Edition, this book offers instructors an effective way to teach the essentials of statistics, including early coverage of regression, within a more limited time frame. Thorough yet abbreviated and offering an accessible exposition, the text helps students realize the real-world significance of statistics. The Seventh Edition addresses the growing importance of developing students' critical thinking and statistical literacy skills with critical thinking features and new exercises throughout the text. The use of the graphing calculator, Microsoft Excel, MINITAB, and SPSS is covered but not required. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Through this Guide, learn how to use your HP Prime calculator or Apple, Android, Window app to help you learn Algebra. This Guide covers your device, whether you have the handheld calculator or iPhone, iPad, Android Phone, Android Tablet, Chromebook, or Window Tablet Free or Pro app. The Guide starts with basic Algebra rules and progresses to how Algebra rules are used in Calculus. You can readily use this Guide if you are in Pre-Algebra, Algebra I, Introductory

Algebra, Algebra II, Intermediate Algebra, College Algebra, Precalculus or any higher course where Algebra is a prerequisite. The calculator's screens are used in the introduction of a new topic. The nice thing is the app's screen and interface is identical to the calculator. Through its examples and its accompanying exercise, this guide provides a Rosetta Stone effect with the language of math. Each example and its quick-check interactive exercise show both the HP Prime and the traditional step-by-step solution. A powerful feature that you will want to learn is the creation of global libraries and Application Library apps. This Guide illustrates the steps needed for creating a global library or Application Library app and using the library's commands or the Application Library app's features. Global libraries and this Guide's technique allow you to define a single or multiple one-line functions on a page. Global one-line functions can be any formula found in a book, new tool commands, or a set of functions that help with the understanding of complex math concepts. There are examples of all of these in this Guide. Learn how to create and run both kinds of Application Library apps, ones that run from the Application Library screens and ones that run from the Home view or CAS view. Use this Guide and the HP Prime CAS technology to submit assignments that are error free. When you happen to have difficulties with a step, you can use your HP Prime CAS device to help you work that step until you master it.

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 exercises Find specific answers fast Compliant with all models of the TI-83 Plus and TI-84 Plus Full 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, 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 PLUS What can your calculator do? Get started with your

calculator Basic graphing Variables, matrices, and lists PART 2 PRECALCULUS AND CALCULUS Expanding your graphing skills Precalculus and your calculator Calculus on the TI-83 Plus/TI-84 Plus PART 3 STATISTICS, PROBABILITY, AND FINANCE Calculating and plotting statistics Working with probability and distributions Financial tools PART 4 GOING FURTHER WITH THE TI-83 PLUS/TI-84 PLUS Turbocharging math with programming The TI-84 Plus CE and TI-84 Plus C Silver Edition Now what?

Python for the TI-Nspire CX II technology calculator is a collection of real-world Python programs written explicitly for this device. Because of the nature of Python, these programs are short, easy to read, easy to enter into the calculator, and most importantly easy to understand - even for beginners. Why Python? Python is the world's most popular programming language. It is an ideal language for handheld calculators. The Python programming language is non-proprietary, so it runs everywhere, even on desktop and laptop computers with only minor modifications from what you'll find in this book, and even then only in a very few cases. Python handles number crunching well, and with its lists, strings, and other data structures, it powerfully handles a very wide variety of programming tasks. But perhaps the biggest advantage of learning Python via your programmable calculator is that this knowledge will be applicable and useful no matter what computers or systems you might work with in the future. Learn it once and you'll have a new life skill of great value. The TI-Nspire CX II technology calculator is a very powerful learning tool, and with the addition of Python its mind-expanding capabilities are truly awesome!

This manual was written to help the student make use of the statistical functions of the Texas Instruments TI-83 plus, TI-84 plus, TI-89, and TI-Nspire graphing calculators.

"Your TI-Nspire is unlike any mathematical tool you've ever seen, so you'll really appreciate this plain-English guide to what it can do and how to do it. From loading the batteries and creating a document to performing geometric calculations and constructing statistical graphs, you'll see how to use the TI-Nspire alone and with your PC. Start here -- set up your TI-Nspire handheld, get familiar with the keypad, use the function keys, and configure system settings ; You need representation -- grasp mathematical concepts more easily through multiple representations and linking representations ; Document problems -- create documents, add problems, configure page layout, and save your work for assignments or class notes ; Be calculating -- work with the calculator menu, tools, forms, and variables ; Graphic or plane -- use the graphing functions in the analytic view and work with geometric objects in the plane geometry view ; List the spread -- create and manage lists and spreadsheets and use this application with others for statistical calculations ; Link up -- connect the TI-Nspire handheld to your computer"--P. [4] of cover.

A guide that helps students get over test anxiety for any test offers strategies, advice, testing theories, and moral support ; includes reviews and drills that allow

students to practice what they have learned; and provides tips on how to concentrate, stay calm, pace oneself, and prioritize. Original.

This resource is designed to help teachers maximize the use of the ti-nspire for Algebra 2. This book contains step by step instructions and practice problems. Version 5.0 was used for the ti-nspire II but version 4.0 or greater will also work. An Applied Guide to Process and Plant Design, 2nd edition, is a guide to process plant design for both students and professional engineers. The book covers plant layout and the use of spreadsheet programs and key drawings produced by professional engineers as aids to design; subjects that are usually learned on the job rather than in education. You will learn how to produce smarter plant design through the use of computer tools, including Excel and AutoCAD, "What If Analysis, statistical tools, and Visual Basic for more complex problems. The book also includes a wealth of selection tables, covering the key aspects of professional plant design which engineering students and early-career engineers tend to find most challenging. Professor Moran draws on over 20 years' experience in process design to create an essential foundational book ideal for those who are new to process design, compliant with both professional practice and the IChemE degree accreditation guidelines. Includes new and expanded content, including illustrative case studies and practical examples Explains how to deliver a process design that meets both business and safety criteria Covers plant layout and the use of spreadsheet programs and key drawings as aids to design Includes a comprehensive set of selection tables, covering aspects of professional plant design which early-career designers find most challenging

TI-Nspire For Dummies John Wiley & Sons

This manual is organized to follow the sequence of topics in the text, and it is an easy-to-follow, step-by-step guide on how to use the TI-83/84 Plus graphing calculator. It provides worked-out examples to help students fully understand and use the graphing calculator.

At a breakneck pace, students, teachers, and schools around the world are adopting the TI-Nspire as their graphing calculator of choice. However, with the popular TI-83 series dominating math classrooms around the world for over a decade, many students and teachers are still scrambling to figure out how to use the powerful new TI-Nspire. This TI-Nspire tutorial book is a simple way to get started on the TI-Nspire graphing calculator. Whether you are a high school student who's never picked up a graphing calculator or a teacher looking to get current with the latest technology, you'll find numerous tutorials in this book to get you started. Button press sequences and dozens of screen captures will help guide you through the process of learning to use the TI-Nspire. Since this book is full of tutorials for beginners, the focus is on the basics of the TI-Nspire. Whether your target mathematics level is Algebra I, Calculus, or anywhere in between, you'll find that these tutorials will help you achieve a comfort level with the Nspire. While numerous features of the Nspire are touched on, the focus in this volume is on basic navigation and settings of the Nspire, calculator features, and graphing features. Examples are explained for every type of window, including spreadsheets and data and statistics. Regardless of what version of the TI-Nspire you own, CAS or non-

CAS, clickpad, touchpad, or the TI-Nspire CX, you will find that the TI-Nspire tutorials are aligned to your calculator. These tutorials are written for TI-Nspire OS 3.2, the latest version of the operating system released in June 2012. If you have an older version of the operating system on your TI-Nspire, you will find directions in the book on where to turn to update your calculator at no additional cost. Any version of the TI-Nspire is capable of running the latest OS 3.2, whether you have the original grayscale TI-Nspire clickpad or the latest full color TI-Nspire CX. Lucas Allen has taught in the public high schools of Illinois for over 10 years. In recent years, he has focused much of his effort into learning and teaching with the TI-Nspire. As the coach of the Morton High School math team, his coaching strategies with the TI-Nspire CAS have resulted in numerous trophies at the state finals, including the 2012 Illinois math team state championship. He blogs about math education technologies, including the TI-Nspire, at <http://www.techpoweredmath.com>

Maths Quest Manual for the TI-Nspire CAS calculator and eBookPLUS 4E (Operating System v3) is a comprehensive step-by-step guide using the TI-Nspire CAS calculator. It is designed to help students and teachers to integrate Computer Algebra Systems (CAS) into their learning and teaching of Mathematics. Includes eBookPLUS: An electronic version of the manual that contains a complementary set of digital resources, available online at the jacarandaPLUS website (www.jacplus.com.au). eBookPLUS Features: * Calculator screen shots are now in full colour * New calculator functions, such as Vernier Dataquest, are explained * Each chapter is divided into 'How to' sections that provide clear, step-by-step instructions to the user * Easy-to-follow keystrokes and screen shots are accompanied by explicit explanations * Worksheets for almost every section are provided for further practice * A chapter of problem-solving questions with fully worked solutions

A mathematics resource for engineering, physics, math, and computer science students The enhanced e-text, Advanced Engineering Mathematics, 10th Edition, is a comprehensive book organized into six parts with exercises. It opens with ordinary differential equations and ends with the topic of mathematical statistics. The analysis chapters address: Fourier analysis and partial differential equations, complex analysis, and numeric analysis. The book is written by a pioneer in the field of applied mathematics.

The updated guide to the newest graphing calculator from Texas Instruments The TI-Nspire graphing calculator is popular among high school and college students as a valuable tool for calculus, AP calculus, and college-level algebra courses. Its use is allowed on the major college entrance exams. This book is a nuts-and-bolts guide to working with the TI-Nspire, providing everything you need to get up and running and helping you get the most out of this high-powered math tool. Texas Instruments' TI-Nspire graphing calculator is perfect for high school and college students in advanced algebra and calculus classes as well as students taking the SAT, PSAT, and ACT exams This fully updated guide covers all enhancements to the TI-Nspire, including the touchpad and the updated software that can be purchased along with the device Shows how to get maximum value from this versatile math tool With updated screenshots and examples, TI-Nspire For Dummies provides practical, hands-on instruction to help students make the most of this revolutionary graphing calculator.

UNDERSTANDABLE STATISTICS: CONCEPTS AND METHODS, Eleventh Edition, is

a thorough yet accessible program designed to help you overcome any apprehensions you may have about statistics. The authors provide clear guidance and informal advice while showing you the links between statistics and the world. To reinforce this approach--and make the material interesting as well as easier to understand--the book integrates real-life data from a variety of sources, including journals, periodicals, newspapers, and the Internet. You'll also have opportunities to develop your critical-thinking and statistical literacy skills through special features and exercises throughout the text. Interactive online resources offer you extra study assistance and tutorial support--including step-by-step video solutions--outside of class. The use of graphing calculators, Excel, MINITAB, and SPSS is covered although not required. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

The updated guide to the newest graphing calculator from Texas Instruments The TI-Nspire graphing calculator is popular among high school and college students as a valuable tool for calculus, AP calculus, and college-level algebra courses. Its use is allowed on the major college entrance exams. This book is a nuts-and-bolts guide to working with the TI-Nspire, providing everything you need to get up and running and helping you get the most out of this high-powered math tool. Texas Instruments' TI-Nspire graphing calculator is perfect for high school and college students in advanced algebra and calculus classes as well as students taking the SAT, PSAT, and ACT exams This fully updated guide covers all enhancements to the TI-Nspire, including the touchpad and the updated software that can be purchased along with the device Shows how to get maximum value from this versatile math tool With updated screenshots and examples, TI-Nspire For Dummies provides practical, hands-on instruction to help students make the most of this revolutionary graphing calculator.

The digital age provides ample opportunities for enhanced learning experiences for students; however, it can also present challenges for educators who must adapt to and implement new technologies in the classroom. The Handbook of Research on Transforming Mathematics Teacher Education in the Digital Age is a critical reference source featuring the latest research on the development of educators' knowledge for the integration of technologies to improve classroom instruction. Investigating emerging pedagogies for preservice and in-service teachers, this publication is ideal for professionals, researchers, and educational designers interested in the implementation of technology in the mathematics classroom.

Engineering careers. Engineering disciplines. Engineering problem solving. Engineering problem-solving tools. Technical communications.

Get up-to-speed on the functionality of your TI-84 Plus calculator Completely revised to cover the latest updates to the TI-84 Plus calculators, this bestselling guide will help you become the most savvy TI-84 Plus user in the classroom! Exploring the standard device, the updated device with USB plug and upgraded memory (the TI-84 Plus Silver Edition), and the upcoming color screen device, this book provides you with clear, understandable coverage of the TI-84's updated operating system. Details the new apps that are available for download to the calculator via the USB cable Walks you through menus and basic arithmetic Addresses graphing and analyzing functions as well as probability and statistics functions Explains how to use the calculator for geometry Reviews communicating with PCs and other calculators TI-84 Plus Graphic

Calculator For Dummies, 2nd Edition is the perfect solution for getting comfortable with the new line of TI-84 calculators!

"400 additional practice questions available online"--Cover.

Maximize student use of the TI-Nspire while processing and learning algebraic concepts with lessons that delve into the five environments of the TI-Nspire including: calculator, graphs and geometry, lists and spreadsheets, notes, and data analysis. Also included are practice pages to prepare students for testing situations that allow the use graphing calculators or handhelds as well as student guides on the Teacher Resource CD file to support English language learners.

Many students struggle to understand Calculus and get through their first Calculus course. And to make things worse, numerous textbooks reach a whopping 1,000 pages to introduce this crucial subject, needlessly frustrating and overwhelming students. Calculus in 5 Hours develops the confidence you need in approximately 128 pages. You may not realize it, but you're smarter than you think you are. The problem is that assigned textbooks give exhaustive explanations of every proof and theorem in Calculus. But too many details can impair learning - especially when you're learning something for the first time - creating doubt and uncertainty about your ability to understand. What's needed is a simple guide to give you the basic concepts. Calculus in 5 Hours is a good companion to any Calculus course and an excellent resource for refreshing your knowledge of the subject. Its goal is simple:*

- Organize your understanding of Calculus for quick and easy recall on tests and homework assignments
- Present straightforward drawings that demonstrate concepts with minimal effort on your part
- Highlight simple examples without burdening you with useless details

Calculus in 5 Hours covers roughly 75% of a first-semester course and leaves out the extra material that adds little value in learning Calculus itself. So, if you need a comprehensive textbook that goes through every detail of Calculus, then this book is not for you. Instead, you'll get a straightforward and simple explanation of Calculus that can be absorbed in less than a day, strengthening your knowledge and confidence at the same time. This allows you to focus on what's truly important - gaining knowledge and achievement as fast as possible. Get Calculus in 5 Hours to shorten your learning curve and gain the understanding you need to be successful today.

UNDERSTANDABLE STATISTICS: CONCEPTS AND METHODS, Eleventh Edition, is a thorough yet accessible program designed to help readers overcome their apprehensions about statistics. The authors provide clear guidance and informal advice while showing the links between statistics and the world. To reinforce this approach--and make the material interesting as well as easier to understand--the book integrates real-life data from a variety of sources, including journals, periodicals, newspapers, and the Internet. Readers also have opportunities to develop their critical-thinking and statistical literacy skills through special features and exercises throughout the text. The use of graphing calculators, Excel, MINITAB, and SPSS is covered for those who wish to learn about these helpful tools. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Numerical Algorithms: Methods for Computer Vision, Machine Learning, and Graphics presents a new approach to numerical analysis for modern computer scientists. Using examples from a broad base of computational tasks, including data processing,

computational photography, and animation, the textbook introduces numerical modeling and algorithmic design

UNDERSTANDING BASIC STATISTICS provides plenty of guidance and informal advice as it demonstrates the links between statistics and the real world. Its reader-friendly approach helps you grasp the concepts and see how they relate to your life. Guided Exercises take you step-by-step through the most difficult problems. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Macmillan CAS Technology Toolkit TI-Nspire CAS OS 1.6 is a revised toolkit which is updated for the latest operating system. This step-by-step guide is fully endorsed and produced in partnership by Texas Instruments Australia. It is designed to assist students and teachers to perform the standard toolkit procedures for the TI-Nspire CAS calculator. Users will quickly learn how to perform a multitude of different tasks as they work through this practical guide. This book will be suitable for

Maximize student use of the TI-Nspire while processing and learning geometric concepts with lessons that delve into the five environments of the TI-Nspire including: calculator, graphs and geometry, lists and spreadsheets, notes, and data analysis. Also included are practice pages to prepare students for testing situations that allow the use graphing calculators or handhelds as well as student guides on the Teacher Resource CD files to support English language learners.

Organized to follow the sequence of topics in the text, this manual is an easy-to-follow, step-by-step guide on how to use the TI-83/84 Plus and TI-89 graphing calculators. It provides worked-out examples to help students fully understand and use their graphing calculator

The International Baccalaureate® (IB) was founded in Geneva, Switzerland in 1968 as a non-profit educational foundation that endeavored to develop inquiring, knowledgeable and caring young people who would go on to create a better and more peaceful world through intercultural understanding and respect. What began as a single program for internationally mobile students preparing for college, has grown into a series of programs for students up to age 19. Barron's is pleased to offer a brand new review guide for the IB Mathematics Studies exam. The content of the book is based on the curriculum and covers all topics required for exams beginning in 2014. It includes: An overview of the exam, including an explanation of scoring Thorough review and explanation for all curriculum subjects Extensive review and practice for each topic, including Paper 1 and Paper 2 examples Three full-length paper 1 and 2 practice exams with solutions, and comprehensive explanations Calculator instructions for the TI-84 and TI-Nspire This all-encompassing book also serves as a valuable resource during first year college math courses.

Traditional classrooms are fast becoming a minority in the education field. As technologies continue to develop as a pervasive aspect of modern society, educators must be trained to meet the demands and opportunities afforded by this technology-rich landscape. The Handbook of Research on Teacher Education in the Digital Age focuses on the needs of teachers as they redesign their curricula and lessons to incorporate new technological tools. Including theoretical frameworks, empirical research, and best practices, this book serves as a guide for researchers, educators, and faculty and professional developers of distance learning tools.

UNDERSTANDABLE STATISTICS: CONCEPTS AND METHODS, Twelfth Edition, is a thorough yet accessible program designed to help you overcome any apprehensions you may have about statistics and to master the subject. The authors provide clear guidance and informal advice while showing you the links between statistics and the world. To reinforce this approach—and make the material interesting as well as easier to understand—the book

integrates real-life data from a variety of sources, including journals, periodicals, newspapers, and the Internet. You'll also have opportunities to develop your critical-thinking and statistical literacy skills through special features and exercises throughout the text. The use of graphing calculators, Excel, Minitab, Minitab Express™, and SPSS is covered, although not required. NEW for Fall 2020 - Turn your students into statistical thinkers with the Statistical Analysis and Learning Tool (SALT). SALT is an easy-to-use data analysis tool created with the intro-level student in mind. It contains dynamic graphics and allows students to manipulate data sets in order to visualize statistics and gain a deeper conceptual understanding about the meaning behind data. SALT is built by Cengage, comes integrated in Cengage WebAssign Statistics courses and available to use standalone. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

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