

## Integers Rules Cheat Sheet

"I don't even feel like I've scratched the surface of what I can do with Python" With Python Tricks: The Book you'll discover Python's best practices and the power of beautiful & Pythonic code with simple examples and a step-by-step narrative. You'll get one step closer to mastering Python, so you can write beautiful and idiomatic code that comes to you naturally. Learning the ins and outs of Python is difficult-and with this book you'll be able to focus on the practical skills that really matter. Discover the "hidden gold" in Python's standard library and start writing clean and Pythonic code today. Who Should Read This Book: If you're wondering which lesser known parts in Python you should know about, you'll get a roadmap with this book. Discover cool (yet practical!) Python tricks and blow your coworkers' minds in your next code review. If you've got experience with legacy versions of Python, the book will get you up to speed with modern patterns and features introduced in Python 3 and backported to Python 2. If you've worked with other programming languages and you want to get up to speed with Python, you'll pick up the idioms and practical tips you need to become a confident and effective Pythonista. If you want to make Python your own and learn how to write clean and Pythonic code, you'll discover best practices and little-known tricks to round out your knowledge. What Python Developers Say About The Book: "I kept thinking that I wished I had access to a book like this when I started learning Python many years ago." - Mariatta Wijaya, Python Core Developer "This book makes you write better Python code!" - Bob Belderbos, Software Developer at Oracle "Far from being just a shallow collection of snippets, this book will have the attentive reader with a deeper understanding of the inner workings of Python as well as an appreciation for its beauty." - Ben Felder, Pythonista "It's like having a seasoned tutor explaining, well, tricks!" - Daniel Meyer, Sr. Desktop Administrator at Tesla Inc. This thorough tutorial teaches you the complete regular expression syntax. Detailed examples and descriptions of how regular expressions work on the inside, give you a deep understanding enabling you to unleash their full power. Learn how to put your new skills to use with tools such as PowerGREP and EditPad Pro, as well as programming languages such as C#, Delphi, Java, JavaScript, Perl, PHP, Python, Ruby, Visual Basic, VBScript, and more.

Interested in the Genetic Algorithm? Simulated Annealing? Ant Colony Optimization? Essentials of Metaheuristics covers these and other metaheuristics algorithms, and is intended for undergraduate students, programmers, and non-experts. The book covers a wide range of algorithms, representations, selection and modification operators, and related topics, and includes 71 figures and 135 algorithms great and small. Algorithms include: Gradient Ascent techniques, Hill-Climbing variants, Simulated Annealing, Tabu Search variants, Iterated Local Search, Evolution Strategies, the Genetic Algorithm, the Steady-State Genetic Algorithm, Differential Evolution, Particle Swarm Optimization, Genetic Programming variants, One- and Two-Population Competitive Coevolution, N-Population Cooperative Coevolution, Implicit Fitness Sharing, Deterministic Crowding, NSGA-II, SPEA2, GRASP, Ant Colony Optimization variants, Guided Local Search, LEM, PBIL, UMDA, cGA, BOA, SAMUEL, ZCS, XCS, and XCSPF.

Drive Better Productivity and Increase Saleswith Salesforce.com – Starting Now Discover Real-World Best Practices—Without Paying Expensive Consultants You ’ re investing in Salesforce.com for one reason: to drive major performance improvements across your entire organization. Salesforce.com® Secrets of Success will help you do just that. Drawing on his experience with dozens of deployments, author David Taber offers expert guidance on every aspect of Salesforce.com deployment, with results-focused best practices for every area of the organization touched by Salesforce.com, including sales, marketing, customer service, finance, legal, and IT. This is information you ’ d otherwise have to pay a consultant \$300/hour to get...information you won ’ t find in any other book! Taber walks you through developing a comprehensive and effective implementation strategy, followed by tactics and specifics to overcome every challenge you face, including internal politics. Through this book and its companion Web site, www.SFDC-secrets.com, Taber provides questionnaires, step-by-step guides, and extensive resources – all part of the Revenue Overdrive™ system that gives your organization maximum results from Salesforce.com. Achieve higher end-customer satisfaction and dramatic sales productivity gains Use the SFA Maturity Model™ to assess readiness, fill gaps, and gain early, deep user adoption Overcome “ people, product, and process ” pitfalls that can limit the value of Salesforce.com Learn which tools, add-ons, features, and extensions are right for your implementation This book ’ s start-to-finish roadmap for success can be used by companies of all sizes in all industries – with specific chapters for executives, team leaders, implementation team members, developers, and users throughout the business.

Statistical Inference via Data Science: A ModernDive into R and the Tidyverse

AppleScript Language Guide

ASVAB Math

Basic Math Quick Reference Handbook

Ratio, Proportion, and Percent

GRE Prep by Magoosh

This book is for anyone who wants to understand computer programming. You'll learn to program in a language that's used in millions of smartphones, tablets, and PCs. You'll code along with the book, writing programs to solve real-world problems as you learn the fundamentals of programming using Python 3. You'll learn about design, algorithms, testing, and debugging, and come away with all the tools you need to produce quality code. In this second edition, we've updated almost all the material, incorporating the lessons we've learned over the past five years of teaching Python to people new to programming. You don't need any programming experience to get started. First, you'll get a detailed introduction to Python and to programming. You'll find out exactly what happens when your programs are executed. Through real-world examples, you'll learn how to work with numbers, text, big data sets, and files. Then you'll see how to create and use your own data types. The incremental examples show you the steps and missteps that happen while developing programs, so you know what to expect when you tackle a problem on your own. Inspired by "How to Design Programs" (HTDP), you'll learn a six-step recipe for designing functions, which helps you as you start to learn the concepts--and becomes an integral part of writing programs by the end. As you learn to use the fundamental programming tools in the first half of the book, you'll see how to document and organize your code so that you and other programmers can more easily read and understand it. Beyond the basics, you'll learn how to ensure that your programs are reliable, and how to work with databases, download data from the web automatically, and build user interfaces. Most importantly, you'll learn how to think like a professional programmer. You'll need to download Python 3, available from "python.org" With that download comes IDLE, the editor we use for writing and running Python programs. (If you use Linux, you may need to install Python 3 and IDLE separately.)

150 REAL GRE Quantitative Reasoning questions--direct from the makers! The best way to prepare for the Quantitative Reasoning measure of the GRE revised General Test is with real GRE test questions--and that is what you will find in this unique guide! Specially created for you by ETS, it offers 150 actual Quantitative Reasoning questions with complete explanations. Plus, this guide includes a review of math topics likely to appear on the Quantitative Reasoning measure. Only ETS can show you exactly what to expect on the test. So for in-depth practice and accurate test preparation for the Quantitative Reasoning measure, this guide is your best choice! Look inside to find: Real GRE Quantitative Reasoning test questions arranged by content and question type--to help you build your test-taking skills. Plus, mixed practice tests. Answers and explanations for every question! GRE Math Review covering math topics you need to know for the test. ETS's own test-taking strategies. Valuable hints and tips to help you do your best on the test. Official information on the GRE Quantitative Reasoning measure. The facts about the test content, structure, scoring, and more--straight from ETS.

Too often, students who fail a grade or a course receive remediation that ends up widening rather than closing achievement gaps. According to veteran classroom teacher and educational consultant Suzy Pepper Rollins, the true answer to supporting struggling students lies in acceleration. In Learning in the Fast Lane, she lays out a plan of action that teachers can use to immediately move underperforming students in the right direction and differentiate instruction for all learners—even those who excel academically. This essential guide identifies eight high-impact, research-based instructional approaches that will help you \* Make standards and learning goals explicit to students. \* Increase students' vocabulary—a key to their academic success. \* Build students' motivation and self-efficacy so that they become active, optimistic participants in class. \* Provide rich, timely feedback that enables students to improve when it counts. \* Address skill and knowledge gaps within the context of new learning. Students deserve no less than the most effective strategies available. These hands-on, ready-to-implement practices will enable you to provide all students with compelling, rigorous, and engaging learning experiences.

Your students will develop a greater understanding of the math concepts required for mastery of the new NCTM Standards. Easy-to-follow instructions, fun-to-solve puzzles and riddles, and many self-checking activities make these books a hit in any middle school math class.

R for Data Science

Introduction to Real Analysis

Data Wrangling with Pandas, NumPy, and IPython

Mathematics for Computer Science

Pre-Calculus For Dummies

Introduction to Programming in Python

Just in Time Math is the right book for you. Designed specifically for last-minute test preparation, Just in Time Math is a fast, accurate way to build your essential computational and word problem skills. This book includes nine chapters of common mathematical topics, with an additional chapter on study skills to make your time effective. In just ten short chapters, you will get the essentials -- just in time for passing your big test.

Adapting to the ever-changing GMAT exam, Manhattan Prep's 6th Edition GMAT Strategy Guides offer the latest approaches for students looking to score in the top percentiles. Written by active instructors with 99th-percentile scores, these books are designed with the student in mind. The GMAT Number Properties strategy guide delves into all the characteristics of numbers tested on the GMAT, covering both simple and complicated concepts. Using the fundamental techniques and nuanced strategies developed in this guide, students will be able to tackle even the toughest GMAT problems involving prime numbers, consecutive integers, and many other topics. Unlike other guides that attempt to convey everything in a single tome, the GMAT Number Properties strategy guide is designed to provide deep, focused coverage of one specialized area tested on the GMAT. As a result, students benefit from thorough and comprehensive subject material, clear explanations of fundamental principles, and step-by-step instructions of important techniques. In-action practice problems and detailed answer explanations challenge the student, while topical sets of Official Guide problems provide the opportunity for further growth. Used by itself or with other Manhattan Prep Strategy Guides, the GMAT Number Properties strategy guide will help students develop all the knowledge, skills, and strategic thinking necessary for success on the GMAT. Purchase of this book includes one year of access to Manhattan Prep's Number Properties Question Bank. All of Manhattan Prep's GMAT Strategy Guides are aligned with the GMAC Official Guide, 2016 edition.

Offers an introduction to the principles of pre-calculus, covering such topics as functions, law of sines and cosines, identities, sequences, series, and binomials.

Get complete instructions for manipulating, processing, cleaning, and crunching datasets in Python. Updated for Python 3.6, the second edition of this hands-on guide is packed with practical case studies that show you how to solve a broad set of data analysis problems effectively. You'll learn the latest versions of pandas, NumPy, IPython, and Jupyter in the process. Written by Wes McKinney, the creator of the Python pandas project, this book is a practical, modern introduction to data science tools in Python. It's ideal for analysts new to Python and for Python programmers new to data science and scientific computing. Data files and related material are available on GitHub. Use the IPython shell and Jupyter notebook for exploratory computing Learn basic and advanced features in NumPy (Numerical Python) Get started with data analysis tools in the pandas library Use flexible tools to load, clean, transform, merge, and reshape data Create informative visualizations with matplotlib Apply the pandas groupby facility to slice, dice, and summarize datasets Analyze and manipulate regular and irregular time series data Learn how to solve real-world data analysis problems with thorough, detailed examples

Basic Math and Pre-Algebra For Dummies

Official GRE Quantitative Reasoning Practice Questions

Import, Tidy, Transform, Visualize, and Model Data

Accentuate The Negative

PISA Take the Test Sample Questions from OECD's PISA Assessments

Learning in the Fast Lane

Sharpen your ACT test-taking skills with this updated and expanded premier guide premier guide with online links to BONUS tests and study aids Are you struggling while studying for the ACT? ACT For Dummies, Premier Edition is a hands-on, friendly guide that offers easy-to-follow advice to give you a competitive edge by fully preparing you for every section of the ACT, including the writing test. You'll be coached on ways to tackle the toughest questions and how to stay focused and manage the time available for each section. This test guide includes three tests in the book plus two more and 50 interactive math formula flashcards that can be accessed online. ACT For Dummies, Premier Edition with CD, gives you the skills you need to get your best possible score! Get a grip on grammar – prepare yourself for the English portion of the ACT and get a refresher on the grammar rules you once knew but may have forgotten You can count on it – discover time-tested strategies for scoring high on the math portion – from basic math and geometry to algebra and those pesky word problems – and formulate a strategy to memorize lengthy formulas with 50 flashcards online Read all about it – save time and brain cells with helpful tips on how to get through the reading passages – and still have enough time to answer the questions Blinded by science? – learn to analyze the various science passages and graphs and get proven techniques on how to tackle each type Practice makes perfect – take three practice tests in the book, plus two more on online, complete with answers and explanations Open the book and find: An overview of the exam and how it's scored Tips to help you gauge your strengths and weaknesses How to make the best use of your time Ways to sharpen essential grammar, writing, math, and science skills Practice essay questions and guidance for the optional writing test Five full-length practice tests with complete answer explanations Reasons not to believe common myths about the ACT

Over 200 ASVAB math practice questions, prepared by a dedicated team of exam experts, with detailed answer key, Math shortcuts, tips and tricks, tutorials and multiple choice strategies! ASVAB Math Practice Questions and Tutorials For: Basic Math Fractions, Decimals and Percent Order of Operations Arithmetic Reasoning Problems Basic Algebra Here is what the ASVAB Math Workbook can do for you: Learn then practice your math skills! Practice test questions are the best way to prepare for an exam and this is the book that you need to fully prepare for the ASVAB math test. Practice Tests familiarize you with the exam format and types of questions, giving you more confidence when you take the exam. Practice tests are a critical self-assessment tool that reveals your strengths and weaknesses. ASVAB Practice tests allow you to practice your exam time management – a critical exam-writing skill that can easily improve your grade substantially. The US Department of Defense does not endorse this product and was not involved in the production of this product. Practice tests reduce Test Anxiety, one of the main reasons for low marks on an exam. Hundreds of questions with detailed solutions and explanations to improve your understand of the basic concepts behind the questions. Learn powerful multiple choice strategies designed by exam experts! Includes tips and multiple choice strategies to increase your score you won't find anywhere else! Practice Really Does Make Perfect! The more questions you see, the more likely you are to pass the test. And between our study guide and practice tests, you'll have over 200 practice questions that cover every category. Our ASVAB Math practice test questions have been developed by our dedicated team of experts. All the material in the study guide, including every practice question, are designed to engage your critical thinking skills needed to pass the test! Heard it all before? Maybe you have heard this kind of thing before, and don't feel you need it. Maybe you are not sure if you are going to buy this book. Remember though, it only a few percentage points divide the PASS from the FAIL students! Even if our test tips increase your score by a few percentage points, isn't that worth it?

Today, anyone in a scientific or technical discipline needs programming skills. Python is an ideal first programming language, and Introduction to Programming in Python is the best guide to learning it. Princeton University's Robert Sedgewick, Kevin Wayne, and Robert Dondoro have crafted an accessible, interdisciplinary introduction to programming in Python that emphasizes important and engaging applications, not toy problems. The authors supply the tools needed for students to learn that programming is a natural, satisfying, and creative experience. This example-driven guide focuses on Python's most useful features and brings programming to life for every student in the sciences, engineering, and computer science. Coverage includes basic elements of programming: variables, assignment statements, built-in data types, conditionals, loops, arrays, and I/O, including graphics and sound functions, modules, and libraries; organizing programs into components that can be independently debugged, maintained, and reused Object-oriented programming and data abstraction; objects, modularity, encapsulation, and more Algorithms and data structures: sort/search algorithms, stacks, queues, and symbol tables Examples from applied math, physics, chemistry, biology, and computer science—all compatible with Python 2 and 3 Drawing on their extensive classroom experience, the authors provide Q&As, exercises, and opportunities for creative practice throughout. An extensive amount of supplementary information is available at introcs.cs.princeton.edu/python. With source code, I/O libraries, solutions to selected exercises, and much more, this companion website empowers people to use their own computers to teach and learn the material. Magoosh gives students everything they need to make studying a breeze. We've branched out from our online GRE prep program and free apps to bring you this GRE prep book. We know sometimes you don't have easy access to the Internet--or maybe you just like scribbling your notes in the margins of a page! Whatever your reason for picking up this book, we're thrilled to take this ride together. In these pages you'll find: --Tons of tips, FAQs, and GRE strategies to get you ready for the big test. --More than 130 verbal and quantitative practice questions with thorough explanations. --Stats for each practice question, including its difficulty rating and the percent of students who typically answer it correctly. We want you to know exactly how tough GRE questions tend to be so you'll know what to expect on test day. --A full-length practice test with an answer key and detailed explanations. --Multiple practice prompts for the analytical writing assessment section, with tips on how to grade each of your essays. If you're not already familiar with Magoosh online, here's what you need to know: --Our materials are top-notch--we've designed each of our practice questions based on careful analysis of millions of students' answers. --We really want to see you do your best. That's why we offer a score improvement guarantee to students who use the online premium Magoosh program. --20% of our students earn a top 10% score on the GRE. --Magoosh students score on average 12 points higher on the test than all other GRE takers. --We've helped more than 1.5 million students prepare for standardized tests online and with our mobile apps. So crack open this book, join us online at magoosh.com, and let's get you ready to rock the GRE!

Sample Questions from OECD's PISA Assessments

GMAT Number Properties

MATLAB For Dummies

Math Makes Sense

Introduction to Programming in Java: An Interdisciplinary Approach

Named a Notable Book in the 21st Annual Best of Computing list by the ACM! Robert Sedgewick and Kevin Wayne's Computer Science: An Interdisciplinary Approach is the ideal modern introduction to computer science with Java programming for both students and professionals. Taking a broad, applications-based approach, Sedgewick and Wayne teach through important examples from science, mathematics, engineering, finance, and commercial computing. The book demystifies computation, explains its intellectual underpinnings, and covers the essential elements of programming and computational problem solving in today's environments. The authors begin by introducing basic programming elements such as variables, conditionals, loops, arrays, and I/O. Next, they turn to functions, introducing key modular programming concepts, including components and reuse. They present a modern introduction to object-oriented programming, covering current programming paradigms and approaches to data abstraction. Building on this foundation, Sedgewick and Wayne widen their focus to the broader discipline of computer science. They introduce classical sorting and searching algorithms, fundamental data structures and their application, and scientific techniques for assessing an implementation's performance. Using abstract models, readers learn to answer basic questions about computation, gaining insight for practical application. Finally, the authors show how machine architecture links the theory of computing to real computers, and to the field's history and evolution. For each concept, the authors present all the information readers need to build confidence, together with examples that solve intriguing problems. Each chapter contains question-and-answer sections, self-study drills, and challenging problems that demand creative solutions. Companion web site (introcs.cs.princeton.edu/java) contains extensive supplementary information, including suggested approaches to programming assignments, checklists, and FAQs Graphics and sound libraries Links to program code and test data Solutions to selected exercises Chapter summaries Detailed instructions for installing a Java programming environment Detailed problem sets and projects Companion 20-part series of video lectures is available at informit.com/title/9780134493831 Covers the new writing section and expanded math Get the skills you need to score big on the new exam Scared of the new SAT? Relax! This friendly, easy-to-follow guide arms you with tons of practice questions, detailed answers, and plenty of savvy test-taking techniques, as well as two practice exams. From reading comprehension and sentence completion to math and grammar essentials, you'll be fully prepped to take on the new exam and score your best. Discover how to \* Prepare well in advance \* Sharpen your reading, writing, and math skills \* Stay calm and focused during the exam \* Avoid SAT tricks and traps \* Decide which questions to double-check

This book covers elementary discrete mathematics for computer science and engineering. It emphasizes mathematical definitions and proofs as well as applicable methods. Topics include formal logic notation, proof methods; induction, well-ordering; sets, relations; elementary graph theory; integer congruences; asymptotic notation and growth of functions; permutations and combinations, counting principles; discrete probability. Further selected topics may also be covered, such as recursive definition and structural induction; state machines and invariants; recurrences; generating functions.

The sports gambling book you can bet on Sports betting combines America's national pastime (sports) with its national passion (gambling). In the U.S., more than a third of the population bets on at least one sporting event every year. With the recent lifting of the federal ban on sports gambling, states are pushing legislation to take advantage of the new potential source of revenue. The best sports betting books are data driven, statistically honest, and offer ways to take action. Sports Betting For Dummies will cover the basics, as well as delving into more nuanced topics. You'll find all the need-to-know information on types of bets, statistics, handicapping fundamentals, and more. Betting on football, basketball, baseball, and other sports Betting on special events, such as the Superbowl or the Olympics Money management Betting on the internet With handy tips, tricks, and tools, Sports Betting For Dummies shows you how to place the right bet at the right time--to get the right payoff.

Salesforce.com Secrets of Success

The \*SAT I For Dummies

Algebra I For Dummies

Data Structures and Algorithms Using Python

The Book

Applications of Optimization with Xpress-MP

An authorised reissue of the long out of print classic textbook, Advanced Calculus by the late Dr Lynn Loomis and Dr Shlomo Sternberg both of Harvard University has been a revered but hard to find textbook for the advanced calculus course for decades. This book is based on an honors course in advanced calculus that the authors gave in the 1960's. The foundational material, presented in the unstarred sections of chapters 1 through 11, was normally covered, but different applications of this basic material were stressed from year to year, and the book therefore contains more material than was covered in any one year. It can accordingly be used (with omissions) as a text for a year's course in advanced calculus, or as a text for a three-semester introduction to analysis. The prerequisites are a good grounding in the calculus of one variable from a mathematically rigorous point of view, together with some acquaintance with linear algebra. The reader should also have some experience with partial derivatives. In overall plan the book divides roughly into a first half which develops the calculus (principally the differential calculus) in the setting of normed vector spaces, and a second half which deals with the calculus of differentiable manifolds. The Mathematics department at the University of mathematics as a science, a language, and an art. Contains a complete seventh grade mathematics curriculum with connections to other subject areas.

Apple's definitive guide to the powerful AppleScript scripting language, this book provides essential information for Macintosh power users and programmers who want to use AppleScript to write new scripts, modify existing scripts, or write scriptable applications.

Python Tricks

College Algebra

Regular Expressions

Advanced Calculus

8 Ways to Put ALL Students on the Road to Academic SuccessASCD

Sports Betting For Dummies

"This book introduces you to R, RStudio, and the tidyverse, a collection of R packages designed to work together to make data science fast, fluent, and fun. Suitable for readers with no previous programming experience"--

Statistical Inference via Data Science: A ModernDive into R and the Tidyverse provides a pathway for learning about statistical inference using data science tools widely used in industry, academia, and government. It introduces the tidyverse suite of R packages, including the ggplot2 package for data visualization, and the dplyr package for data wrangling. After equipping readers with just enough of these data science tools to perform effective exploratory data analyses, the book covers traditional introductory statistics topics like confidence intervals, hypothesis testing, and multiple regression modeling, while focusing on visualization throughout. Features: Assumes minimal prerequisites, notably, no prior calculus nor coding experience Motivates theory using real-world data, including all domestic flights leaving New York City in 2013, the Gapminder project, and the data journalism website, FiveThirtyEight.com Centers on simulation-based approaches to statistical inference rather than mathematical formulas Uses the infer package for "tidy" and transparent statistical inference to construct confidence intervals and conduct hypothesis tests via the bootstrap and permutation methods Provides all code and output embedded directly in the text; also available in the online version at moderndive.com This book is intended for individuals who would like to simultaneously start developing their data science toolbox and start learning about the inferential and modeling tools used in much of modern-day research. The book can be used in methods and data science courses and first courses in statistics, at both the undergraduate and graduate levels.

Go from total MATLAB newbie to plotting graphs and solving equations in a flash! MATLAB is one of the most powerful and commonly used tools in the STEM field. But did you know it doesn't take an advanced degree or a ton of computer experience to learn it? MATLAB For Dummies is the roadmap you've been looking for to simplify and explain this feature-filled tool. This handy reference walks you through every step of the way as you learn the MATLAB language and environment inside-and-out. Starting with straightforward basics before moving on to more advanced material like Live Functions and Live Scripts, this easy-to-read guide shows you how to make your way around MATLAB with screenshots and newly updated procedures. It includes: A comprehensive introduction to installing MATLAB, using its interface, and creating and saving your first file Fully updated to include the 2020 and 2021 updates to MATLAB, with all-new screenshots and up-to-date procedures Enhanced debugging procedures and use of the Symbolic Math Toolbox Brand new instruction on working with Live Scripts and Live Functions, designing classes, algorithms, and running projects Intuitive guides for MATLAB's advanced features, including importing and exporting data and publishing your work Perfect for STEM students and new professionals ready to master one of the most powerful tools in the fields of engineering, mathematics, and computing, MATLAB For Dummies is the simplest way to go from complete newbie to power user faster than you would have thought possible.

Using an extremely clear and informal approach, this book introduces readers to a rigorous understanding of mathematical analysis and presents challenging math concepts as clearly as possible. The real number system. Differential calculus of functions of one variable. Riemann integral functions of one variable. Integral calculus of real-valued functions. Metric Spaces. For those who want to gain an understanding of mathematical analysis and challenging mathematical concepts.

Computer Science

Just in Time Math

Head First Python

An Interdisciplinary Approach

English Dialect

Best Practices for Real Sales Results

Want to learn the Python language without slogging your way through how-to manuals? With Head First Python, you'll quickly grasp Python's fundamentals, working with the built-in data structures and functions. Then you'll move on to building your very own webapp, exploring database management, exception handling, and data wrangling. You can do with context managers, decorators, comprehensions, and generators, it's all here. This second edition is a complete learning experience that will help you become a bonafide Python programmer in no time. Why does this book look so different? Based on the latest research in cognitive science and learning theory, Head First Python format to engage your mind, rather than a text-heavy approach that puts you to sleep. Why waste your time struggling with new concepts? This multi-sensory learning experience is designed for the way your brain really works.

"Lack the skills needed to help a student get better math grades? Need help to pass a math proficiency exam in order to further your career or avoid taking a remedial math class? Find your textbook and class notes useless when reviewing for a basic math test? This handbook ... lets you quickly look up definitions, facts and problem solving detailed examples and tips to help you improve your mathematical problem solving skills"--Page 4 of cover

The fun and easy way® to understand the basic concepts and problems of pre-algebra Whether you're a student preparing to take algebra or a parent who needs a handy reference to help kids study, this easy-to-understand guide has the tools you need to get in gear. From exponents, square roots, and absolute value to fractions, decimal skills needed to tackle more advanced topics, such as order of operations, variables, and algebraic equations. Open the book and find: How to find the greatest common factor and least common multiple Tips for adding, subtracting, dividing, and multiplying fractions How to change decimals to fractions (and vice versa) Hints for solving word problems For x

One of the most commonly asked questions in a mathematics classroom is, "Will I ever use this stuff in real life?" Some teachers can give a good, convincing answer; others hem and haw and stare at the floor. The real response to the question should be, "Yes, you will, because algebra gives you power" – the power to help your children w power to manage your finances, the power to be successful in your career (especially if you have to manage the company budget). The list goes on. Algebra is a system of mathematical symbols and rules that are universally understood, no matter what the spoken language. Algebra provides a clear, methodical process that can be followed to solve complex problems. There's no doubt that algebra can be easy to some while extremely challenging to others. For those of you who are challenged by working with numbers, Algebra I For Dummies can provide the help you need. This easy-to-understand reference not only explains algebra in terms you can understand, but it also gives you solve complex problems. But rest assured, this book is not about memorizing a bunch of meaningless steps; you find out the whys behind algebra to increase your understanding of how algebra works. In Algebra I For Dummies, you'll discover the following topics and more: All about numbers – rational and irrational, variables, and positive and negative numbers and decimals Explaining exponents and radicals Solving linear and quadratic equations Understanding formulas and solving story problems Having fun with graphs Top Ten lists on common algebraic errors, factoring tips, and divisibility rules. No matter if you're 16 years old or 60 years old; no matter if you're learning algebra for the first time or you're a refresher course; no matter if you're cramming for an algebra test, helping your kid with his or her homework, or coming up with next year's company budget, Algebra I For Dummies can give you the tools you need to succeed.

Mathamazement

A Brain-Friendly Guide

Practical Programming

ASVAB Math Exercises, Tutorials and Multiple Choice Strategies

C Programming For Dummies

Essentials of Metaheuristics (Second Edition)

College Algebra provides a comprehensive exploration of algebraic principles and meets scope and sequence requirements for a typical introductory algebra course. The modular approach and richness of content ensure that the book meets the needs of a variety of courses. The text and images in this textbook are graphics.

Get an A grade in C# with any major language, mastery of C# can take you to some very interesting new places. Almost 50 years after it first appeared, it's still the world's most popular programming language and is used as the basis of global industry's core systems, including operating systems, high-performance graphics applications, and microcontrollers. This means that fluent C# users are in big demand at the sharp end in cutting-edge industries—such as gaming, app development, telecommunications, engineering, and even animation—to translate innovative ideas into a smoothly functioning reality. To help you get to where you want to go with C#, this 2nd edition of C Programming For Dummies covers everything you need to begin writing programs, guiding you logically through the development cycle: from initial design and testing to deployment and live iteration. By the end you'll be an fan with the do's and don'ts of good clean writing, and easily able to produce the basic—and not-so-basic—building blocks of an elegant and efficient source code. Write and compile source code Link code to create the executable program Debug and optimize your code Avoid common mistakes Whatever your destination: tech industry, start-up, or just developing for pleasure at home, this easy-to-follow, informative, and entertaining guide to the C programming language is the fastest and friendliest way to get there!

By emphasizing the application of computer programming not only in success stories in the software industry but also in familiar scenarios in physical and biological science, engineering, and applied mathematics, Introduction to Programming in Java takes an interdisciplinary approach to teaching programming with the Java(TM) programming language. Interesting applications in these fields foster a foundation of computer science concepts and programming skills that are relevant to the students' lives. Ten years in the making, this book covers the full and is a replacement for traditional introductory programming courses. It can also be used as a supplement or a main text for courses that integrate programming with mathematics, science, or engineering.

This book presents all the publicly available questions from the PISA surveys. Some of these questions were used in the PISA 2000, 2003 and 2006 surveys and others were used in developing and trying out the assessment.

An Introduction to Computer Science Using Python 3 (Pragmatic Programmers)

Revised

6

ACT For Dummies

Subtracting Fractions

Python for Data Analysis