

Secrets Of Mental Math Master The Art Advanced Calculation And Memorization All In Your Head

Why do so many of us struggle to remember the maths we were taught at school? The answer is that we can successfully memorise things for a short period but we only retain those memories long term if we understand them. Mattias Ribbing is a Grand Master of Memory who will show you how to remember maths through truly understanding it. His methods are simple but will last for life, and unwrap the puzzle of maths forever. The key to confidence with numbers is not remembering complex rules surrounding long division or algebra; it's understanding the critical components of maths and being able to clearly visualise problems and solutions. This illuminating guide to improving your maths provides logical, long-term strategies that will enable you to finally get maths and hold on to that level of confidence thereafter.

Math skills you can count on! In this eagerly awaited sequel to the popular Rapid Math Tricks and Tips, Professor Ed Julius shows you how to master difficult problems in addition, subtraction, multiplication, and division quickly, easily, and without a calculator. And have fun while doing it! By learning one to two tricks a day for thirty days, you'll be amazed at the increase in your number power. Discover how you can quickly subtract by oversubtracting. Speed up your calculating with place-value multiplication. See how to add in seconds by breaking a number apart. More Rapid Math Tricks and Tips includes:

- * Step-by-step examples to explain each technique
- * Over 1,400 sample problems and practice exercises
- * Challenging "brain builders" to keep you on your toes
- * Weekly quizzes and a final exam so you can check your progress
- * Fascinating mathematical curiosities and parlor tricks, such as the Amazing Age-Divining Trick and the Phenomenal Fifth-Root Trick

Whether calculating the total at the supermarket checkout, reconciling a bank statement, or figuring the sales tax on your latest purchase, More Rapid Math Tricks and Tips makes working with numbers fast, fun, and easy. It's a must for math lovers, as well as students, teachers, and anyone who works with numbers on a regular basis. "Ed Julius has written another engaging book that will definitely excite the mind." --Mick Horwitz, Founding Director Sierra Canyon College Preparatory School, "The original Rapid Math Tricks and Tips has been a staple in my classroom for the past four years. The sequel is definitely another winner!" --Laurie Curtis-Abbe, Teacher Anacapa Middle School, a California/National School of Excellence a U.S. Department of Education Blue Ribbon Exemplary School Cheng, a former McKinsey management consultant, reveals his proven, insider's method for acing the case interview.

Mathematics is not a new subject to us because almost everyone knows how to count either with fingers or pen and paper in whichever language we are comfortable with. Math is not only the game of numbers but also the language of nature. As a matter of fact, it has been established through research that the more we understand our universe, the more we discover interesting mathematical connections. For instance, flowers have spirals that are carefully lined up in a special sequence of numbers commonly referred to as Fibonacci numbers. This sequence can be studied, understood and generated. A study on seashells also revealed that they form perfect mathematical curves known as logarithmic spirals that originate from a chemical

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balance. Apart from the flowers and seashells, star clusters also form a mathematical arrangement in the way they tag on one another. This has been observed through astronomical studies. Scientists including mathematicians have spent centuries trying to discover the nature of math and how to develop a mastery of the same. It is possible to get comfortable with calculations of any nature as long as you discover the secrets behind the numerics. The reason why it is important to unravel and enhance your command of math is because numbers are part and parcel of our daily lives even in ways that at times we don't notice. For example, if you need to call someone, you need a phone number. The time you spend on your phone conversation is measured in hours and minutes which are also numbers. Think of any date in history including your birthday, graduation day or just any other significant day and you will find that recording it in numbers is much easier than in any other form. This book will show you the tricks and shortcuts that will make math so intriguing. You will definitely impress your friends and colleagues with your lightning fast calculating ability. But most importantly, these secrets will benefit you at a personal level because you will be able to handle complex numeric problems within seconds.

A Simplified Approach For Beginners& Can you multiply 231072 by 110649 and get the answer in just a single line? Can you find the cube root of 262144 or 704969 in two seconds? Can you predict the birth-date of a person without him telling you? Can you predict how much money a person has without him telling you? Can you check the final answer without solving the question? Or, in a special case, get the final answer without looking at the question? Can you solve squares, square roots, cube-roots and other problems mentally? All this and a lot more is possible with the techniques of Vedic Mathematics described in this book. The techniques are useful for students, professionals and businessmen. The techniques of Vedic Mathematics have helped millions of students all over the world get rid of their fear of numbers and improve their scores in quantitative subjects. Primary and secondary school students have found the Vedic mathematics approach very exciting. Those giving competitive exams like MBA, MCA, CET, UPSC, GRE, GMAT etc. have asserted that Vedic Mathematics has helped them crack the entrance tests of these exams.

"Our understanding of how the human brain performs mathematical calculations is far from complete. In *The Number Sense*, Stanislas Dehaene offers readers an enlightening exploration of the mathematical mind. Using research showing that human infants have a rudimentary number sense, Dehaene suggests that this sense is as basic as our perception of color, and that it is wired into the brain. But how then did we leap from this basic number ability to trigonometry, calculus, and beyond? Dehaene shows that it was the invention of symbolic systems of numerals that started us on the climb to higher mathematics. Tracing the history of numbers, we learn that in early times, people indicated numbers by pointing to part of their bodies, and how Roman numerals were replaced by modern numbers. On the way, we also discover many fascinating facts: for example, because Chinese names for numbers are short, Chinese people can remember up to nine or ten digits at a time, while English-speaking people can only remember seven. A fascinating look at the crossroads where numbers and neurons intersect, *The Number Sense* offers an intriguing tour of how the structure of the brain shapes our mathematical abilities, and how math can open up a window on the human mind"--Provided by publisher.

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How to calculate almost anything in your head. Did you know that it's easier to add and subtract from left to right, rather than the other way round? You can be taught to square a three-digit number in seconds. Learn how to perform lightning calculations in your head, discover methods of incredible memorisation and other feats of mental agility. Learn maths secrets for the real world, from shopping to calculating a restaurant tip and figuring out gambling odds (or how much you've won). Learn how to solve sudoku faster.

Don't live in fear of math any longer. Math Magic makes math what you may never have imagined it to be: easy and fun! Scott Flansburg -- "the Human Calculator" who believes that there are no "mathematical illiterates," just people who have not learned how to make math work for them -- demonstrates how everyone can put their phobia to rest and deal with essential every-day mathematical calculations with confidence. This is the book for millions of otherwise successful adults who are afraid to balance their checkbooks and don't know how to figure interest on savings or credit, and for the millions of students who dread their math classes and live in fear of the SAT math section. In Math Magic, Scott Flansburg shows the reader how to: Master the basics, including the real way addition, subtraction, multiplication, and division work Simplify calculations through estimation Quick-check answers Convert metric measures to more familiar ones Figure tips, taxes, and percentages -- never get short-changed again! Master algebra using the nine easy steps to algebra Math Magic is for all of us who need and want to improve our understanding of math. With the help of Flansburg, the Guinness World Record holder as the Fastest Human Calculator, you can do math just like magic.

"Bibliography found online at tonyrobbins.com/masterthegame"--Page [643].

A new edition of the bestselling classic – published with a special introduction to mark its 10th anniversary This pioneering account sets out to understand the structure of the human brain – the place where mind meets matter. Until recently, the left hemisphere of our brain has been seen as the ‘rational’ side, the superior partner to the right. But is this distinction true? Drawing on a vast body of experimental research, Iain McGilchrist argues while our left brain makes for a wonderful servant, it is a very poor master. As he shows, it is the right side which is the more reliable and insightful. Without it, our world would be mechanistic – stripped of depth, colour and value.

Demonstrates how to solve math problems more quickly in one's head than with a calculator, and describes mathematical tricks and shortcuts

Demonstrates a slew of time-saving tips and tricks for performing common math calculations. Contains sample problems for each trick, leading the reader through step-by-step. Features two mid-terms and a final exam to test your progress plus hundreds of exercise problems ranging from simple to more sophisticated. Also includes sections on “Mathematical Curiosities” and “Parlor Tricks” for math lovers.

"Magical Mathematics reveals the secrets of amazing, fun-to-perform card tricks--and the profound mathematical ideas behind them--that will astound even the most accomplished magician. Persi Diaconis and Ron Graham provide easy,

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step-by-step instructions for each trick, explaining how to set up the effect and offering tips on what to say and do while performing it. Each card trick introduces a new mathematical idea, and varying the tricks in turn takes readers to the very threshold of today's mathematical knowledge. For example, the Gilbreath principle--a fantastic effect where the cards remain in control despite being shuffled--is found to share an intimate connection with the Mandelbrot set. Other card tricks link to the mathematical secrets of combinatorics, graph theory, number theory, topology, the Riemann hypothesis, and even Fermat's last theorem. Diaconis and Graham are mathematicians as well as skilled performers with decades of professional experience between them. In this book they share a wealth of conjuring lore, including some closely guarded secrets of legendary magicians. *Magical Mathematics* covers the mathematics of juggling and shows how the I Ching connects to the history of probability and magic tricks both old and new. It tells the stories--and reveals the best tricks--of the eccentric and brilliant inventors of mathematical magic. *Magical Mathematics* exposes old gambling secrets through the mathematics of shuffling cards, explains the classic street-gambling scam of three-card monte, traces the history of mathematical magic back to the thirteenth century and the oldest mathematical trick--and much more"-

These simple math secrets and tricks will forever change how you look at the world of numbers. *Secrets of Mental Math* will have you thinking like a math genius in no time. Get ready to amaze your friends—and yourself—with incredible calculations you never thought you could master, as renowned “mathemagician” Arthur Benjamin shares his techniques for lightning-quick calculations and amazing number tricks. This book will teach you to do math in your head faster than you ever thought possible, dramatically improve your memory for numbers, and—maybe for the first time—make mathematics fun. Yes, even you can learn to do seemingly complex equations in your head; all you need to learn are a few tricks. You'll be able to quickly multiply and divide triple digits, compute with fractions, and determine squares, cubes, and roots without blinking an eye. No matter what your age or current math ability, *Secrets of Mental Math* will allow you to perform fantastic feats of the mind effortlessly. This is the math they never taught you in school.

The Master Key System is a personal development book by Charles F. Haanel. The book describes many New Thought beliefs such as the law of attraction, creative visualization and man's unity with God, and teaches the importance of truth, harmonious thinking and the ability to concentrate. The Book that will not only leave you 'feeling' good, but also 'thinking' good. In *The Master Key System*, presented as a series of twenty-four lessons, delivered to students, Charles Haanel discusses everything from how to feel healthy to how to become wealthy. Using precise logic and a consistent, common-sense frame-work, Haanel shows us how to achieve that what we most desire. Used as thus instructed "The Master Key" will make of the reader a greater, better personality, and equipped with a

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new power to achieve any worthy personal purpose and a new ability to enjoy life's beauty and wonder.

Expertise pays; polymathy pays exponentially. Build a world-class skillset that will make you unique and irreplaceable. Polymath: a person of wide knowledge and learning. The art of becoming a polymath is really about maximizing your opportunities in life. Don't be the person with the hammer - be the person with an entire woodshop at their disposal. Learn to think outside the box and adopt a flexible mindset. Become multi-faceted. Polymath shows you how to be a singular entity, like Benjamin Franklin, Leonardo da Vinci, and Thomas Young. No, you won't achieve what they achieved, but you will understand the skills, habits, and techniques to master multiple realms of knowledge and skills. Almost every famous genius you know is a polymath. This book will trace their journeys and change the way you look at learning. Jack of all trades, master of none? No such thing. A complete learning framework, from novice to expert, in any skill or discipline. Peter Hollins has studied psychology and peak human performance for over a dozen years and is a bestselling author. He has worked with a multitude of individuals to unlock their potential and path towards success. His writing draws on his academic, coaching, and research experience. Become a modern day Renaissance man/woman; broaden your horizons. •Learn why you should become a pi-shaped polymath. •The primary traits you need to foster genius. •A 10-step process of learning a new topic or skill from A to Z. •How to choose and select your unique set of skills. •How to create your "second brain" on paper. •Examples from every era of mankind. Learn new perspectives, understand people better, and gain confidence to break your comfort zone. Polymathy is the most important skill for your career, hands down. It makes you one-of-a-kind. Become the most unique person you know. Create new routines and habits. Upgrade your life circumstances and see how mentally tough flexible thinking makes you. It boils down to this one question: are you content with your life circumstances? No? Then embrace the polymath mindset.

Learn how to easily do quick mental math calculations Speed Math for Kids is your guide to becoming a math genius--even if you have struggled with math in the past. Believe it or not, you have the ability to perform lightning quick calculations that will astonish your friends, family, and teachers. You'll be able to master your multiplication tables in minutes, and learn basic number facts while doing it. While the other kids in class are still writing down the problems, you can be calling out the answers. Speed Math for Kids is all about playing with mathematics. This fun-filled book will teach you: * How to multiply and divide large numbers in your head * What you can do to make addition and subtraction easy * Tricks for understanding fractions and decimals * How to quickly check answers every time you make a calculation * And much more If you're looking for a foolproof way to do multiplication, division, factoring estimating, and more, Speed Math for Kids is the book for you. With enough practice you'll go straight to the top of the class!

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36 lessons and answer key to practice mental math.

Provides instructions for shortcuts of varying degrees of difficulty for doing arithmetical calculations and estimates, and for checking answers.

Improve test scores, master "real world" math, and stop relying on your calculator! Math Made Easy is a fast and simple approach to mental math and quicker calculation. With sections for both mathophobes and mathletes alike, this unique book will transform the way you do math. This guide is filled with practical tricks that will help you: - Calculate tips mentally with ease - Perform complex math problems entirely in your head - Transform seemingly difficult math into simple equations Do you consider yourself bad at math? There is no such thing as a bad student - only a bad teacher! It's time to give yourself another chance by learning a new way to look at math. We start with addition and subtraction to rebuild your approach from the ground up. Or are you a math champ? Learn new tricks to do problems even faster and perform calculations in your head that will leave everyone impressed. Are you planning to apply to college in the US? The redesigned SAT will include a no-calculator math section - it's going to be more important than ever to be able to do calculations quickly and effectively on your own. Applying to grad school? Good math skills are a must for the GRE and GMAT. Plus, Math Made Easy is filled with practice questions to make sure you've got each technique down. As Socrates said, "Wisdom begins with wonder." Aren't you curious to see what you are capable of?

The American Mathematics Competition (AMC) series is a group of contests that judge students' mathematical abilities in the form of a timed test. The AMC 8 is the introductory level competition in this series and is taken by tens of thousands of students every year in grades 8 and below. Students are given 40 minutes to complete the 25 question test. Every right answer receives 1 point and there is no penalty for wrong or missing answers, so the maximum possible score is 25/25. While all AMC 8 problems can be solved without any knowledge of trigonometry, calculus, or more advanced high school mathematics, they can be tantalizingly difficult to attempt without much prior experience and can take many years to master because problems often have complex wording and test the knowledge of mathematical concepts that are not covered in the school curriculum. This book is meant to teach the skills necessary to solve mostly any problem on the AMC 8. However, our goal is to not only teach you how to perfect the AMC 8, but we also want you to learn and understand the topics presented as if you were in a classroom setting. Above all, the first and foremost goal is for you to have a good time learning math! The units that will be covered in this book are the following: - Test Taking Strategies for the AMC 8 - Number Sense in the AMC 8 - Number Theory in the AMC 8 - Algebra in the AMC 8 - Counting and Probability in the AMC 8 - Geometry in the AMC 8 - Advanced Competition Tricks for the AMC 8

Prepare yourself to change the way you look at numbers. Tricks in this book will teach you to think like a math genius in a short time. Prepare yourself to be

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surprised and surprise your friends with incredible calculations that you never thought you could master. This book will teach you how to mentally solve operations faster than you ever imagined. It will teach you to considerably improve your numerical memory and to make mathematics fun. You will learn to mentally solve complex, by all appearances, operations; all you need is in this book, focused on some very simple techniques to master them. You will be able to solve diverse additions and subtractions, to multiply and divide three digit numbers quickly, and to determine squares - all of that in the twinkling of an eye. No matter your age or your current capacity of calculating, this book, written in a simple and accessible language, will allow you to do mental feats effortlessly. Get ready to discover mathematics and to become a human calculator.

Recipient of the Mathematical Association of America's Beckenbach Book Prize in 2006! Mathematics is the science of patterns, and mathematicians attempt to understand these patterns and discover new ones using a variety of tools. In *Proofs That Really Count*, award-winning math professors Arthur Benjamin and Jennifer Quinn demonstrate that many number patterns, even very complex ones, can be understood by simple counting arguments. The book emphasizes numbers that are often not thought of as numbers that count: Fibonacci Numbers, Lucas Numbers, Continued Fractions, and Harmonic Numbers, to name a few. Numerous hints and references are given for all chapter exercises and many chapters end with a list of identities in need of combinatorial proof. The extensive appendix of identities will be a valuable resource. This book should appeal to readers of all levels, from high school math students to professional mathematicians.

Selected as a Book of the Year by *New Statesman* Mozart wasn't born with perfect pitch. Most athletes are not born with any natural advantage. Three world-class chess players were sisters, whose success was planned by their parents before they were even born. Anders Ericsson has spent thirty years studying *The Special Ones*, the geniuses, sports stars and musical prodigies. And his remarkable finding, revealed in *Peak*, is that their special abilities are acquired through training. The innate 'gift' of talent is a myth. Exceptional individuals are born with just one unique ability, shared by us all - the ability to develop our brains and bodies through our own efforts. Anders Ericsson's research was the inspiration for the popular '10,000-hour rule' but, he tells us, this rule is only the beginning of the story. It's not just the hours that are important but how you use them. We all have the seeds of excellence within us - it's merely a question of how to make them grow. With a bit of guidance, you'll be amazed at what the average person can achieve. The astonishing stories in *Peak* prove that potential is what you make it.

The companion book to COURSERA®'s wildly popular massive open online course "Learning How to Learn" Whether you are a student struggling to fulfill a math or science requirement, or you are embarking on a career change that requires a new skill set, *A Mind for Numbers* offers the tools you need to get a

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better grasp of that intimidating material. Engineering professor Barbara Oakley knows firsthand how it feels to struggle with math. She flunked her way through high school math and science courses, before enlisting in the army immediately after graduation. When she saw how her lack of mathematical and technical savvy severely limited her options—both to rise in the military and to explore other careers—she returned to school with a newfound determination to re-tool her brain to master the very subjects that had given her so much trouble throughout her entire life. In *A Mind for Numbers*, Dr. Oakley lets us in on the secrets to learning effectively—secrets that even dedicated and successful students wish they'd known earlier. Contrary to popular belief, math requires creative, as well as analytical, thinking. Most people think that there's only one way to do a problem, when in actuality, there are often a number of different solutions—you just need the creativity to see them. For example, there are more than three hundred different known proofs of the Pythagorean Theorem. In short, studying a problem in a laser-focused way until you reach a solution is not an effective way to learn. Rather, it involves taking the time to step away from a problem and allow the more relaxed and creative part of the brain to take over. The learning strategies in this book apply not only to math and science, but to any subject in which we struggle. We all have what it takes to excel in areas that don't seem to come naturally to us at first, and learning them does not have to be as painful as we might think.

Many useful procedures explained and taught: 2-column addition, left-to-right subtraction, mental division of large numbers, more. Also numerous helpful shortcuts. More than 8,000 problems, with solutions. 1945 edition.

Ever find yourself struggling to check a bill or tax on a payslip? The Trachtenberg Speed System provides a course in refining basic mathematics skills to tackle large sums before simplifying to increase concentration and ability in day-to-day arithmetic. The Trachtenberg system has been described as the 'shorthand of mathematics' and only requires the ability to count from one to eleven. Using a series of simplified keys, it allows anyone to master numbers and calculations giving greater speed, ease in handling numbers and increasing accuracy. Jakow Trachtenberg believed that everyone is born with phenomenal abilities to calculate. He devised a set of rules that allows every child to make multiplication, division, addition, subtraction and square-root calculations with unerring accuracy and at remarkable speed. A perfect entry into gaining confidence with numbers. Clear, concise compendium of about 150 time-saving math short-cuts features faster, easier ways to add, subtract, multiply, and divide. Each problem includes an explanation of the method. No special math ability needed.

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You don't have to buy this book. Just read this till the end You don't have to buy this book. Just read this till end & you will learn something that will change the way you do math forever. Warning: I am revealing this secret only to the first set

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of readers who will buy this book & plan to put this secret back inside the book once I have enough sales. So read this until the very end while you still can. School taught you the wrong way to do math. The way you were taught to do math, uses a lot of working memory. Working memory is the short term memory used to complete a mental task. You struggle because trying to do mental math the way you were taught in school, overloads your working memory. Let me show you what I mean with an example: Try to multiply the 73201×3 . To do this you multiply the following: $1 \times 3 = 0 \times 3 = 2 \times 3 = 3 \times 3 = 7 \times 3 =$ This wasn't hard, & it might have taken you just seconds to multiply the individual numbers. However, to get the final answer, you need to remember every single digit you calculated to put them back together. It takes effort to get the answer because you spend time trying to recall the numbers you already calculated. Math would be easier to do in your head if you didn't have to remember so many numbers. Imagine when you tried to multiply 73201×3 , if you could have come up with the answer, in the time it took you to multiply the individual numbers. Wouldn't you have solved the problem faster than the time it would have taken you to punch in the numbers inside a calculator? Do the opposite of what you were taught in school. The secret of doing mental math is to calculate from left to right instead of from right to left. This is the opposite of what you were taught in school. This works so well because it frees your working memory almost completely. It is called the LR Method where LR stands for Left to Right. Let's try to do the earlier example where we multiplied 73201×3 . This time multiply from left to right, so we get: $7 \times 3 = 21$, $3 \times 3 = 9$, $2 \times 3 = 6$, $0 \times 3 = 0$, $1 \times 3 = 3$. Notice that you started to call out the answer before you even finished the whole multiplication problem. You don't have to remember a thing to recall & use later. So you end up doing math a lot faster. The Smart Choice. You could use what you learnt & apply it to solve math in the future. This might not be easy, because we just scratched the surface. I've already done the work for you. Why try to reinvent the wheel, when there is already a proven & tested system you can immediately apply. This book was first available in video format & has helped 10,000+ students from 132 countries. It is available at ofpad.com/mathcourse to enroll. This book was written to reach students who consume the information in text format. You can use the simple techniques in this book to do math faster than a calculator effortlessly in your head, even if you have no aptitude for math to begin with. Imagine waking up tomorrow being able to do lightning fast math in your head. Your family & friends will look at you like you are some kind of a genius. Since calculations are done in your head, you will acquire better mental habits in the process. So you will not just look like a genius. You will actually be one. Limited Time Bonus. Weekly training delivered through email is available for free as a bonus at the end of this book for the first set of readers. Once we have enough readers, this bonus will not be available for free. Why Price Is So Low. This book is priced at a ridiculous discount only to get our first set of readers. When we have enough readers the price will go up. Click Buy Now. Click "Buy Now" to lock your discounted price &

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free bonus, or you risk coming back at a later date or even a few minutes from now to see the price go up. Click the yellow button that says "Buy Now" and let's get started.

Case Master is a curated collection of thoughtful practice cases for consulting which will enable you to get a competitive edge for your upcoming case interviews. Case Master cases are all made to the highest standard and are custom-designed for optimal preparation and achieving mastery of all the core skills for case interviews: analysis, synthesis, calculation, estimation, and creativity. Maximizing the breadth and depth of your learning, Case Master is the only resource to offer concept-driven cases, challenging blindspots, "guesstimateable" axis variables, customizable case difficulty, and handy case kits for partner practice. Alone or with a practice partner, with Case Master you will scrutinize all fundamental case types (profit-and-loss, sales growth, market entry, investment, and counter-competition) and you will learn: 1 set of universal business categories applicable to any consulting case, 2 meanings of "positioning" and 3 meanings of "push vs. pull," 4 types of economic inputs and outputs, 10 trending concepts to expand your problem-solving toolkit, 40 essential business metrics and terms, and much more at Case Master Club online. Whether you are a graduate student or an experienced professional seeking to break into strategy consulting, Case Master will be an investment into your professional future and will help you develop higher levels of both competence and confidence. Go beyond the resources that competing contenders already know and dare to become a Case Master.

Be it calculating the spare change at your local grocery shop or adding travel expenses, an aptitude for quick calculations always comes in handy. Being fast with numbers is always an added advantage, especially when you need to solve questions in a constrained time limit, such as your college exams or even more importantly, entrance and competitive exams. Calculating quickly is not something that you master overnight, there are tricks that you need to master along with learning time management. That being said, performing calculations within seconds is useful not only for students, but also for professionals, housewives and everyone who wants to learn something new and interesting. GKP's 'Secrets Behind Faster Calculations' by Author Praveen Tyagi is ideal for aspirants of all Government Exams, CAT, GATE, JEE etc. The book has been divided into 10 distinct chapters namely General Tricks, Addition and Subtraction, Multiplication, Squaring, Cubing, Square Root, Cube Root, Division, Percentage and Data Interpretation. All of these contain useful techniques which will assist students in enhancing their calculative ability to the maximum. When applied while practicing with regular study material, the book is going to provide incredible value for students. Features: 10 distinct sections with tips and techniques to do quick calculations Practice Tests to assess learning level Prepared in coherence with the needs of learners and aspirants of various competitive and entrance exams Contents 1. Some Special Tricks (General

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Tricks) 2. Addition and Subtraction 3. Multiplication 4. Squaring 5. Cubing 6. Square Root 7. Cube Roots 8. Division 9. Percentage 10. Data Interpretation Mathematical card effects offer both beginning and experienced magicians an opportunity to entertain with a minimum of props. Featuring mostly original creations, *Mathematical Card Magic: Fifty-Two New Effects* presents an entertaining look at new mathematically based card tricks. Each chapter contains four card effects, generally starting with simple applications of a particular mathematical principle and ending with more complex ones. Practice a handful of the introductory effects and, in no time, you'll establish your reputation as a "mathemagician." Delve a little deeper into each chapter and the mathematics gets more interesting. The author explains the mathematics as needed in an easy-to-follow way. He also provides additional details, background, and suggestions for further explorations. Suitable for recreational math buffs and amateur card lovers or as a text in a first-year seminar, this color book offers a diverse collection of new mathemagic principles and effects.

Learn Tricks And Strategies To Solve Everyday Math Problems Easily Will you pay more a \$19.99 shirt with a 20% discount or a \$24.99 shirt with a 30% discount? Can you quickly calculate how many eggs you

The world's greatest mental mathematical magician takes us on a spellbinding journey through the wonders of numbers (and more) "Arthur Benjamin . . . joyfully shows you how to make nature's numbers dance." -- Bill Nye (the science guy) *The Magic of Math* is the math book you wish you had in school. Using a delightful assortment of examples--from ice-cream scoops and poker hands to measuring mountains and making magic squares--this book revels in key mathematical fields including arithmetic, algebra, geometry, and calculus, plus Fibonacci numbers, infinity, and, of course, mathematical magic tricks. Known throughout the world as the "mathemagician," Arthur Benjamin mixes mathematics and magic to make the subject fun, attractive, and easy to understand for math fan and math-phobic alike. "A positively joyful exploration of mathematics." -- Publishers Weekly, starred review "Each [trick] is more dazzling than the last." -- Physics World

A sharp mind, like a healthy body, is subject to the same rule of nature: Use it or lose it Need a calculator just to work out a 15 percent service charge? Not exactly sure how to get the calculator to give you the figure you need? Turn to this revised and updated edition of *All the Math You'll Ever Need*, the friendliest, funniest, and easiest workout program around. In no time, you'll have total command of all the powerful mathematical tools needed to make numbers work for you. In a dollars-and-cents, bottom-line world, where numbers influence everything, none of us can afford to let our math skills atrophy. This step-by-step personal math trainer: Refreshes practical math skills for your personal and professional needs, with examples based on everyday situations. Offers straightforward techniques for working with decimals and fractions. Demonstrates simple ways to figure discounts, calculate mortgage interest rates, and work out time, rate, and distance problems. Contains no complex formulas and no unnecessary technical terms.

Useful for School students, teachers, and professionals and a must for those appearing for competitive exams like UPSC, MBA, MCA, GMAT, GRE, CSAT, etc. "After reading this book, solving $5378942639 \div 8120594263$, finding the square of 99975, the cube root of 704969 or calculating any day from 500 years would be child's play

