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# Math Short Trick

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*Math Short Trick*

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## **FARRELL FRENCH**

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### **More Rapid Math: Tricks and Tips** Crown

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.

Vedic Maths Workbook Oxford University Press, USA

If you hate mathematics If you have always struggled to solve your maths problems in time If you are scared of complex calculations If you are attempting competitive or board exams Or if you would just like to improve your maths skills This book is for you! Based on the sixteen sutras, vedic maths is practically the only magical principle you need to tackle anything from simple arithmetic to algebra, algorithms, square roots, cube roots, trigonometry and many more mathematical concepts. In this

book you will find easy methodology that will help you solve complex questions, and practice exercises that will test your understanding of these concepts. So go ahead, make Maths Sutra your essential guide to mathematics!

*Maths Sutra* Createspace Independent Publishing Platform  
 Math Magic: Amazing Tricks With Numbers, Arithmetic & Geometry! is a guide to 40 math-based magical tricks. The instructions for each trick explain what props or accessories are needed (for example playing cards or calculator), how the trick appears to the audience, how to perform the trick, and in many cases, the mathematical secrets behind the trick. This book is ideal for magicians looking for something new and different to add to their acts, those who simply want to amaze their friends, and for mathematics teachers and educators who wish to inspire their students with fun and interesting mathematical ideas.

*Speed Math for Kids* Educreation Publishing

It is no secret that most people avoid mathematics, in large measure because elementary school teachers have never done much to motivate a love of the subject matter. In his latest book, mathematician Alfred S. Posamentier provides easily

understandable, easily presentable and easily replicated tricks that one can do with mathematics. All that is required is the ability to do arithmetic, understand the very basics of algebra and geometry and have an open mind for probability. From geometrical puzzles to numerical quirks, Math Tricks will give readers that "aha!" moment they may never have received at school.

*(Free Sample) Authentic SHORTCUTS, TIPS, TRICKS & TECHNIQUES in MATHEMATICS for JEE Main, Advanced & KVPY W. Norton & Company*

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

Everyday Math Tricks for Grown-Ups Remedia Publications

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.

*Rapid Quantitative Aptitude - With Shortcuts & Tricks for Competitive Exams* Simon and Schuster

Discover the Mental Math Secrets to Become a Human Calculator! Schools taught you a way to do math that works when you have a pen & paper. But the same methods, takes a lot of effort when you have to do math in your head. This is because it uses a lot of your working memory (the short term memory used to complete a mental task). For example, try to mentally multiply  $73,201 \times 3$ . It might take only a few seconds to multiply the individual digits. But if you multiply right to left the way you learnt in school, you will rely on your working memory. You will use it to recall every single digit you calculate to put it back together and get your final answer. You may even find yourself calculating some digits again because you forgot one of the numbers. The difficulty increases further when you have to multiply larger numbers like  $732 \times 323$ . You will have to remember numbers across many steps. Mental arithmetic would be a lot easier to do in your head if you didn’t have to remember so many numbers. In school, you learnt to write the down numbers as you calculate to free up your working memory. In mental math, there are many other ways to do the same thing. One of the tricks to free up your working memory is to calculate from left to right instead of right to left. Try multiplying  $73,201 \times 3$  from left to right, starting from  $7 \times 3$  and ending with  $1 \times 3$ . You will find yourself calling out the answer before you even finish the whole problem. You can use this trick to solve any math problem in the future. But we have just scratched the surface. There are

many more tricks inside the book that make doing mental math as easy as reading a comic. Here is a glimpse of what you will be able to master:

- Mentally add large numbers (Example: Add  $8739 + 5492$  in your head in seconds)
- Subtract numbers fast. (Example: Mentally subtract  $7520 - 4998$  without writing anything down)
- Multiplication tricks to multiply three-digit numbers. (Example: Multiply  $323 \times 123$  in your head)
- Square large numbers in seconds (Example: Calculate  $64 \times 64$  faster than a calculator)
- Mentally divide large numbers (Example: Divide  $601324$  by  $73$  entirely in your head)
- Quickly check a calculation with 90% accuracy without re-calculating
- Overcome math anxiety
- Cement your mental math skills with bonus weekly training.

This book only has the best techniques used by over 27 mental and Vedic math experts across the world. The techniques in this book are so simple you will wonder why nobody taught you this before. You will be able to master it, even if you have failed math in school. 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 you do the calculations 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. Buy Now To Become A Human Calculator Every minute you wait to buy this book, is another minute you don't see the benefit of being good with math & numbers. Put the power of mental math to work in your life so you can quickly & easily:

- make math and numbers more useful
- develop better memory habits
- increase concentration
- develop new ways to think
- and do speed math entirely in your head faster than a calculator!

Get your copy today! A MUST BUY for students of Vedic

Mathematics, GMAT, GRE, SAT, Case Study Interview and Case Interview.

*Math Tricks* Princeton University Press

We have designed this book to create an interest in mathematics for the readers irrespective of age. As we have studied in schools there are certain rules which we have to obey in performing a mathematical problem and we will get the answers in the second or third step and it will take more according to the nature of the problem and it is time consuming also. Here we are introducing some methods in vedic maths which will be easy as well as fun and interesting. This method helps you to save time and makes you more faster in mathematics.

151 Rapid Math Tricks Penguin UK

Rapid Quantitative Aptitude with Shortcuts & Tricks for Competitive Exams is the finest book to achieve success in Arithmetic and Advanced Mathematics for all competitive exams. The book is updated with the latest trend of questions (like Data Analysis, Caselets, Data Missing etc.) being asked in the various exams. The Unique Selling Point of the book is its strong focus on Shortcuts, Tips & Techniques, which are highlighted with Solved Examples. Written in a very student-friendly manner, the book covers complete theory with suitable illustrations followed by two levels of exercises - each containing an assortment of questions for practice in increasing level of difficulty. The book contains many tricks in not just challenging but also mundane chapters which enable you to dodge the lengthy procedures and arrive at the result quickly, thereby saving your time, thereby increasing your final examination output and score. The book is useful for various exams such as SSC, Banking, Railways, UPSC, Defence

etc.

*Rapid Math Tricks & Tips* CRB Publishing

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 over subtracting. 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

*The Best Mental Math Tricks* Remedia Publications

Can you multiply  $35 \times 35$  in your head? That is, can you square the number 35? There's a mental math trick so that you can easily square any number ending in 5. Here's how the trick works. Look at the first digit of 35, which is the number 3. We add one to that number, 4, and then multiply those two numbers together. So we have  $3 \times 4 = 12$ , and these are the leading digits of the answer. Now we just write 25 as the last two digits, so we get 1225. And that's it! We have calculated 35 squared is 1,225 in an amazingly simple way! Math does not have to be hard. *The Best Mental Math Tricks* is a collection of methods that can help you become a lightning calculator. You will learn how to solve daily problems like calculating percentages and figuring out which day your birthday is every year. Then you will learn how to square numbers, multiply numbers, divide numbers, and even solve complex problems like calculating the cube root of numbers in your head! Each method is explained in detail with numerous examples. Every method is mathematically justified with a formal proof. Each section also contains practice problems accompanied with complete solutions so you can try the method and check your work.

The Magic of Math Turtleback Books

Is it possible to multiply  $897589798678 \times 999999999999$  or divide  $889576 / 9999$  in less than 10 seconds? Get ready to amaze your friends, teachers, family and society with 151 mind-blowing and lightning speed calculating math tricks and world's fastest mental calculating techniques. The tricks using in this book are easier and faster; sometimes even faster than the

computer, often in a matter of seconds. . This book is fully packed with fascinating short cuts, tips and tricks by using the techniques of Vedic maths and speed math that will make you a mathematical wizard in future. In 151 Rapid Math Tricks, Become a Mathemagician, you will learn How to multiply faster than a calculator? How to find square root and cube root in less than 10 seconds? How to solve percentages mentally? How to calculate 3 x 3 digits and 4 x 4 digits multiplication in single line? How to square numbers in seconds? How to square numbers up to 100? How to divide numbers in your mind? How to subtract without borrowing etc..? Each trick elucidates how to calculate problems imminently with examples of over 500 solved problems in simple language. This book is very ideal for students, teachers, people from all walks of life and those preparing for competitive exams like MBA, MCA, GRE, GMAT, SSC, PSC, BANKING etc can make use of it.

*Think Like A Maths Genius* Disha Publications

This book is intended for any youngster (or maybe adult) who wants to overcome the challenge of the basic Times 9 Table or wants to be able to multiply two-digit numbers by 11 in their head. Yes, it takes a little practice but there are a couple of tricks to make it easier. Now, in 5 seconds, without the use of a calculator, or pencil and paper, what does 11 times 98 equal? The trick, using simple addition, is in this book.

Mathematics, Magic and Mystery Courier Corporation

Can you multiply  $362 \times .5$  quickly in your head? Could you readily calculate the square of 41? How much is 635 divided by 2? Can 727,648 be evenly divided by 8? If any of these questions took you more than a few seconds to solve, you need this book. Short-

Cut Math is a concise, remarkably clear compendium of about 150 math short-cuts ? timesaving tricks that provide faster, easier ways to add, subtract, multiply, and divide. By using the simple foolproof methods in this volume, you can double or triple your calculation speed ? even if you always hated math in school. Here's a sampling of the amazingly effective techniques you will learn in minutes: Adding by 10 Groups; No-Carry Addition; Subtraction Without Borrowing; Multiplying by Aliquot Parts; Test for Divisibility by Odd and Even Numbers; Simplifying Dividends and Divisors; Fastest Way to Add or Subtract Any Pair of Fractions; Multiplying and Dividing with Mixed Numbers, and more. The short-cuts in this book require no special math ability. If you can do ordinary arithmetic, you will have no trouble with these methods. There are no complicated formulas or unfamiliar jargon ? no long drills or exercises. For each problem, the author provides an explanation of the method and a step-by-step solution. Then the short-cut is applied, with a proof and an explanation of why it works. Students, teachers, businesspeople, accountants, bank tellers, check-out clerks ? anyone who uses numbers and wishes to increase his or her speed and arithmetical agility, can benefit from the clear, easy-to-follow techniques given here.

Magical Mathematics Readers Digest

In the year of grace 1345, as Sir Roger Baron de Tourneville is gathering an army to join King Edward III in the war against France, a most astonishing event occurs: a huge silver ship descends through the sky and lands in a pasture beside the little village of Ansby in northeastern Lincolnshire. The Wersgorix, whose scouting ship it is, are quite expert at taking over planets,

and having determined from orbit that this one was suitable, they initiate standard world-conquering procedure. Ah, but this time it's no mere primitives the Wersgorix seek to enslave<sup>3/4</sup>they've launched their invasion against free Englishmen! In the end, only one alien is left alive<sup>3/4</sup>and Sir Roger's grand vision is born. He intends for the creature to fly the ship first to France to aid his King, then on to the Holy Land to vanquish the infidel. Unfortunately, he has not allowed for the treachery of the alien pilot, who instead takes the craft to his home planet, where, he thinks, these upstart barbarians will have no choice but to surrender. But that knavish alien little understands the indomitable will and clever resourcefulness of Englishmen, no matter how great the odds against them... At the publisher's request, this title is sold without DRM (Digital Rights Management).

**Subtracting Fractions** Princeton University Press  
101 Short Cuts in Math Anyone Can Do will unlock the secrets of the art of calculation. This book will increase your power of computation and thereby enable you to get more out of the mathematics you now know. You will soon be amazed at your ability to solve once complex problems quickly. Included are clear and concise examples of about 101 timesaving math short-cuts-faster, easier ways to add, subtract, multiply and divide. This amazing little book demonstrates easy math tricks in an accessible and engaging manner that will appeal to children. In addition to the 101 tricks, the text includes a review of pertinent mathematical concepts, actual applications, math curiosities, illustrations and parlor tricks. Packed with many tricks and tips that let you add, subtract, multiply, and divide in a flash, this

book makes math easier and more fun than you've ever imagined. You won't need a calculator, or in many cases even a pencil, to come up with the correct answers. Just a few simple shortcuts will have you solving basic problems in record time.

#### Division Word Problems Ofpad

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!

#### *Mathematics From the Birth of Numbers* Souvenir Press

Can this book really read your mind? Here is a collection of 60 of the best number magic tricks. You will amaze yourself as you try out these great tricks, which you can then perform on your friends. The tricks could help you to revise key Mathematical concepts. Magicians will love this useful collection of varied number principles gathered together in one volume. Read this

book and you will soon become a mathemagician! It could boost your confidence in Maths as you learn to manipulate numbers in a magical way and entertain your friends at the same time. Use these baffling tricks over the phone, in an email or text, in your publicity material or on the radio. They have many uses for the creative magician, too! This book is written by an Associate of the Inner Magic Circle who also has many years' experience in Primary age Education. Anyone from the age of seven upwards can become a Maths Wizard! Paperback. 95 pages.

Arithmetricks Disha Publications

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.

The Princeton Companion to Mathematics Basic Books

For all you adults out there who still secretly count on your fingers (and toes) or are hopeless without (or maybe even with) a calculator, this is the book for you. Does the thought of doing

even the simplest of calculations put your stomach in a knot? Do you know how to quickly figure out the discount on that 15 percent off rack? Are you able to calculate your gas mileage or the cost per pound of a bunch of grapes? Imagine how much easier your life would be if you had a few easy-to-remember ways to deal with all of the math challenges you face each and every day. Everyday Math Tricks for Grown-Ups will show you how. Don't worry, this isn't the mind-numbingly boring math textbook you vaguely remember from your dreary schooldays. Lively text and simple examples illustrate all the basics-addition, subtraction, multiplication, and division-and even gets into some more advanced topics such as ratios, decimals, powers, and roots. You'll find yourself dipping in and out often whenever you need to brush up. This book promises to provide many eureka moments as a light bulb goes off when you finally grasp concepts that may have mystified you up until now. And along the way, reading about even the most boring of concepts will provide you with a few good laughs. As you will soon discover, this book will make everyday math problems as easy as pi!