# Math Tricks Shakuntala Devis

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## Maths Sutra

First of its kind, the book provides an interesting and platform for conducting Yoga classes in Sanskrit in a gradual manner. It is primarily aimed at Yoga schools, Yoga practitioners and Instructors interested in

learning Sanskrit. English instructions are scripted in Roman and Sanskrit in Devanagiri. A very useful book for Sanskrit enthusiasts as it systematically introduces vocabulary related to Anatomy, Movements and Meditation and has a good collection of Quotes and Stories.As Yoga students, we come across Sanskrit all the time. Understanding and Conversing in Sanskrit is a distant dream for many of us. Under the fabric of Yoga class, we can make it possible. This book brings together Asana Nomenclature, Ancient Quotes and Shlokas, Yogic Folklore, Vocabulary, Language Constructs, Conversations and Instructions all under one roof and in casual Sanskrit.Ignite your passion, Feel the vibrations and add a touch of Sanskrit to your Yoga practice !!

# **A Memoir of Zerah Colburn**

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!

# How to Calculate Quickly

## Closing the Gap

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.

## Caste System in India

This compilation of long-inaccessible puzzles by a famous puzzle master offers challenges ranging from arithmetical and algebraical problems to those involving geometry, combinatorics, and topology, plus game, domino, and match puzzles. Includes answers.

## Astrology for You

Martin Gardner's Mathematical Games columns in Scientific American inspired and entertained several generations of mathematicians and scientists. Gardner in his crystal-clear prose illuminated corners of mathematics, especially recreational mathematics, that most people had no idea existed. His playful spirit and inquisitive nature invite the reader into an

exploration of beautiful mathematical ideas along with him. These columns were both a revelation and a gift when he wrote them; no one--before Gardner--had written about mathematics like this. They continue to be a marvel. This volume, originally published in 1959, contains the first sixteen columns published in the magazine from 1956-1958. They were reviewed and briefly updated by Gardner for this 1988 edition.

## Algorithmic Puzzles

## Reminiscences of the Nehru Age

Explores the contemporary nature and the diverse narratives, rituals, and performances of the Navarātri festival. Nine Nights of the Goddess explores the festival of Navarātri—alternatively called Navarātra, Mahānavamī, Durgā Pūjā, Dasarā, and/or Dassain—which lasts for nine nights and ends with a celebration called Vijayadaśamī, or "the tenth (day) of victory." Celebrated in both massive public venues and in small, private domestic spaces, Navarātri is one of the most important and ubiquitous festivals in South Asia and wherever South Asians have settled. These festivals share many elements, including the goddess, royal power, the killing of demons, and the worship of young girls and married women, but their interpretation and performance vary widely. This interdisciplinary collection of essays investigates Navarātri in its many manifestations and across historical periods, including celebrations in West Bengal, Odisha, Karnataka, Maharashtra, Tamil Nadu,

Uttar Pradesh, and Nepal. Collectively, the essays consider the role of the festival's contextual specificity and continental ubiquity as a central component for understanding South Asian religious life, as well as how it shapes and is shaped by political patronage, economic development, and social status. "This is a unique collection of marvelously diverse perspectives on one of the most prominent contemporary Hindu festivals. Even those who know much about Durgā Pūjā should prepare to be fascinated by the work of these scholars." — Patricia Dold, Memorial University

# The Trachtenberg Speed System of Basic Mathematics

Come to an exciting journey into the Wonderland of Numbers. 'As for numbers, they hate nobody and nobody can afford to hate them,' says Neha's father, who is a supportive parent trying to re-instill confidence in his child. Apart from revealing the specialties of each individual number, from zero to nine, and little mathematical tricks, Shakuntala Devi has underscored another very important aspect. It is upto parents and teachers to ensure that children are initiated into a lifelong love affair with numbers. An engaging child, Neha, suddenly starts lagging in Maths when a new Maths teacher arrives and she starts converting her fear of the teacher into a terror of Maths. Matters touch the nadir when she scores a zero in a test. On the way home that day, she meets with an accident. While her parents and teachers suffer an anxious vigil till she regains consciousness,

she travels to the Kingdom of Zero through her subconscious mind. In the Wonderland of Numbers is the story of Neha's adventures in the Kingdom of Zero.

## 536 Puzzles and Curious Problems

A supernatural thriller set in colonial Calcutta! Sir Alec Morgan, a famous British paranormal expert, is in Kolkata for the launch of his latest book. Accompanied by his able guide and teller-of-grisly-tales Joga, he goes on a tour of the city's most haunted places—sites of ghastly murders and tragic romances. However, Sir Alec is bitterly disappointed with the tour and publicly scoffs at the lack of ghosts and spirits in the city. Little does he know that his words will soon come back to haunt him when he pays a visit to St Mary's Cemetery. Written and illustrated by Harsho Mohan Chattoraj, Ghosts of Kingdoms Past clears away some of the dust and cobwebs covering Kolkata's fascinating history.

## Genius: A Very Short Introduction

## Figuring: The Joy Of Numbers

In 2013, a little known mathematician in his late 50s stunned the mathematical community with a breakthrough on an age-old problem about prime numbers. Since then, there has been further dramatic progress on the problem, thanks to the efforts of a large-scale online collaborative effort of a type that would have been unthinkable in mathematics a

couple of decades ago, and the insight and creativity of a young mathematician at the start of his career. Prime numbers have intrigued, inspired and infuriated mathematicians for millennia. Every school student studies prime numbers and can appreciate their beauty, and yet mathematicians' difficulty with answering some seemingly simple questions about them reveals the depth and subtlety of prime numbers. Vicky Neale charts the recent progress towards proving the famous Twin Primes Conjecture, and the very different ways in which the breakthroughs have been made: a solo mathematician working in isolation and obscurity, and a large collaboration that is more public than any previous collaborative effort in mathematics and that reveals much about how mathematicians go about their work. Interleaved with this story are highlights from a significantly older tale, going back two thousand years and more, of mathematicians' efforts to comprehend the beauty and unlock the mysteries of the prime numbers.

## **The Illustrated Weekly of India**

The Art of Mental Calculation will make math fun and accessible to students of all levels. Whether as an enrichment program for aspiring math geniuses or fun practice as a classroom supplement, this book ail have students excited to practice the joys of mental arithmetic in fun new ways. Following Arthur Benjamin's bestseller Secrets of Mental Math, this new workbook provides over 300 examples and exercises for doing rapid mental addition and

subtraction. Through clever writing style, amusing illustrations, and engaging dialogue, the book makes math fun and accessible to everyone. The workbook consists of 20 lessons, 40 reproducible pages, an answer key with full solutions, and a certificate for aspiring mental mathemagicians.

## Hexaflexagons and Other Mathematical Diversions

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.

## Ghosts of Kingdoms Past

The play Shakuntala was one of the first examples of Indian literature to be read in translation in Europe. Shakuntala's story is a leitmotiv that recurs in many works of Indian literature and culminates in the master Kali-dasa's drama for the stage. The virtuous heroine is forgotten by her betrothed, the king Dushyanta, only to be refound thanks to a distinguishing signet ring discovered by a fisherman in the belly of one of his catch. The final act distills the essence of human forgiveness, in Shakuntala's gracious release of her husband from his guilt.

## Maths Facts, Fun, Tricks and Trivia

There is a range and richness to numbers. They can

come alive, cease to be symbols written on a black board, and lead the reader into a world of intellectual adventure where calculations are thrilling. In Figuring: The Joy of Numbers, Shakuntala Devi dramatizes the endless fascination of numbers and their ability to amaze and entertain. She offers easy-to-learn short cuts on how to add long columns in your head, multiply, divide, and find square roots quickly, almost magically. Fractions, decimals, and compound interest become clear and easy to deal with. The author takes delight in working out huge problems mentally, and sometimes even faster than computers. In Figuring she shares her secrets with you.

## More Puzzles

Astrology is not A complex science as it is often made out to be and, in the hands of the world-famous 'human computer', Shakuntala Devi, it becomes yet simpler and easier to understand and practise. The present book discusses zodiacs, planets, asterisms, the rising signs, Bhavas, Yogas, Dasas and their effects and transits. It enables the reader to cast a horoscope, and also read one. There are tables of correction for various cities and for sidereal time, Nakshatra divisions and Vimshottari Dasa, Navamsas, etc. It is a complete book that leaves nothing to become an amateur astrologer.

## Book Of Numbers

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

## Test Your C Skills

## The Cambridge Handbook of Expertise and Expert Performance

Reminiscences of the author, special assistant, 1946 to 1959, to Jawaharlal Nehru, 1889-1964, former Prime Minister of India.

## Across the Line

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

describes mathematical tricks and shortcuts

# Employment of Labour and Rural Development

Discover the adventure and excitement of mathematical puzzles! Match your wits with the human computer!! Sharpen your intellect, delight your friends and enjoy hours of purposeful entertainment!!! Mathematics is not always hard, mind-boggling stuff. It can also be simple, delightful and interesting. Many famous mathematicians are known to be devoted to peg jumping puzzles. It is perhaps this kind of play that leads to scientific discoveries. The celebrity author, Shakuntala Devi, is regarded as 'authentic heroine of the twentieth century'. She calculates faster than the fastest computer, is listed in the Guinness Book of World Records and continues to amaze audiences around the world with her feats of calculation.

# Learned Pigs & Fireproof Women

In todays increasingly complex and competitive world, the most important thing a parent can do for his/her child is to nurture mathability. Mathability is an attitude. Those who say that their child is poor in maths are doing an injustice to themselves and undermining their child's future. Mathability is a skill that teaches a child how to think. It is a skill that develops the inherent intelligence potential, enhances problem solving abilities and analytical focus. The methods and techniques described herein are as

suitable for adults as for children, with several of these having successfully altered the mindset of senior executives and housewives. The author maintains that a child's curiosity and receptivity during infancy and childhood can never be matched, and we must, as parents, nurture the young minds by offering the right learning process and motivation to develop the innate strengths possessed by each child.

## Like a Girl

## Know Thy Self

There is a range and richness to numbers. They can come alive, cease to be symbols written on a black board, and lead the reader into a world of intellectual adventure where calculations are thrilling. In Figuring: The Joy of Numbers, Shakuntala Devi dramatizes the endless fascination of numbers and their ability to amaze and entertain. She offers easy-to-learn short cuts on how to add long columns in your head, multiply, divide, and find square roots quickly, almost magically. Fractions, decimals, and compound interest become clear and easy to deal with. The author takes delight in working out huge problems mentally, and sometimes even faster than computers. In Figuring she shares her secrets with you.

## Puzzles To Puzzle You

A number sense approach to the four basic operations of arithmetic together with fractions and decimals

# Nine Nights of the Goddess

# The Magic of Math

# Mathemagics

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.

# YOGA Class in Sanskrit

# Mathability: Awaken The Math Genius In Your Child

This book was the first handbook where the world's foremost 'experts on expertise' reviewed our scientific knowledge on expertise and expert performance and how experts may differ from non-experts in terms of their development, training, reasoning, knowledge, social support, and innate talent. Methods are described for the study of experts' knowledge and their performance of representative tasks from their domain of expertise. The development of expertise is also studied by retrospective interviews and the daily lives of experts are studied with diaries. In 15 major domains of expertise, the leading researchers summarize our knowledge on the structure and acquisition of expert skill and knowledge and discuss future prospects. General issues that cut across most domains are reviewed in chapters on various aspects of expertise such as general and practical intelligence, differences in brain activity, self-regulated learning, deliberate practice, aging, knowledge management, and creativity.

# The Recognition of Shakṇntala

# Secrets of Mental Math

Shakuntala Devi, the Human Computer, explains and simplifies everything you always wanted to know about numbers but was difficult to understand. This book contains all we ever wanted to know about

numbers. Divided in three parts, the first will tells you everything about numbers, the second some anecdotes related with numbers and mathematicians, and the third some important tables that will help you always.

# Figuring: The Joy Of Numbers

Algorithmic puzzles are puzzles involving well-defined procedures for solving problems. This book will provide an enjoyable and accessible introduction to algorithmic puzzles that will develop the reader's algorithmic thinking. The first part of this book is a tutorial on algorithm design strategies and analysis techniques. Algorithm design strategies — exhaustive search, backtracking, divide-and-conquer and a few others — are general approaches to designing step-by-step instructions for solving problems. Analysis techniques are methods for investigating such procedures to answer questions about the ultimate result of the procedure or how many steps are executed before the procedure stops. The discussion is an elementary level, with puzzle examples, and requires neither programming nor mathematics beyond a secondary school level. Thus, the tutorial provides a gentle and entertaining introduction to main ideas in high-level algorithmic problem solving. The second and main part of the book contains 150 puzzles, from centuries-old classics to newcomers often asked during job interviews at computing, engineering, and financial companies. The puzzles are divided into three groups by their difficulty levels. The first fifty puzzles in the Easier Puzzles section require

only middle school mathematics. The sixty puzzle of average difficulty and forty harder puzzles require just high school mathematics plus a few topics such as binary numbers and simple recurrences, which are reviewed in the tutorial. All the puzzles are provided with hints, detailed solutions, and brief comments. The comments deal with the puzzle origins and design or analysis techniques used in the solution. The book should be of interest to puzzle lovers, students and teachers of algorithm courses, and persons expecting to be given puzzles during job interviews.

## In The Wonderland Of Numbers

The first concise study of genius in both the arts and the sciences, using the life and work of famous geniuses to illuminate this phenomenon.-publisher description.

## Vedic Mathematics, Or Sixteen Simple Mathematical Formulae from the Vedas

A popular magician offers a guide to the most exotic entertainers in the history of showbusiness--from the amazing feats of handicapped individuals to the unusual talents of trained animals

## How to Calculate Quickly

A tale of borders and beliefs shaped by the games people play 1947 New Delhi. Cyril Radcliffe's hands are clammy, partly from the heat but mostly from the enormity of the task assigned. Mopping the sweat off

his brow, he picks up his pen, draws a deep breath–and a dark line. Rawalpindi. A barbaric frenzy of rioters fills the streets, disrupting a game of pithoo between Toshi and her brother, Tarlok, shattering their lives unimaginably. 2008 Rawalpindi. Cricket-crazy Inaya is sneaking out behind her father's back for net practice when she discovers that she is not the only one in her family keeping a secret. New Delhi. Jai accidentally stumbles upon an old, hidden away diary in his kitchen. The date of its last entry: 17 August 1947. As Jai and Inaya's unlikely worlds collide, another story unfolds. A story that started with the drawing of a line. A story that shifts the truth in their lives.

# The Art of Mental Calculation

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.

## **Think Like A Maths Genius**

This is one of those rare books that can help all of us with something that is both troublesome and worrisome — our memory. It does this with ease, not by attempting to teach some exhausting rote-memory techniques, but in 12 easy and effortlessly smooth steps. Shakuntala Devi's down-to-earth writing and encouraging step-by-step approach puts super memory in reach of everyone. As she says, 'Take my word. You can start applying my memory-enhancing techniques immediately, right now. Before you will realize, applying my methods and strategies will become your second nature.' Shakuntala Devi has been honing and teaching her memory improvement techniques for more than 40 years. Super Memory is the result of her life's work, specially tailored to our needs as we age, and encompassing all of the many ways we can use a better memory every day.

## **Super Memory**

Here are over 300 tantalizing puzzles, brain teasers and riddles by one of the greatest mathematical geniuses of the twentieth century, Shakuntala Devi, popularly known as the 'human computer'. The puzzles include every possible type of mathematical recreation, time and distance problems, age and money riddles, puzzles involving geometry and elementary algebra, and just plain straight thinking.

Often entertaining, but always stimulating, the puzzles included in the book offer hours of fun and relaxation.

ROMANCE  ACTION & ADVENTURE  MYSTERY & THRILLER  BIOGRAPHIES & HISTORY  CHILDREN'S YOUNG ADULT  FANTASY  HISTORICAL FICTION HORROR  LITERARY FICTION  NON-FICTION  SCIENCE FICTION