

The Teaching Of Vedic Mathematics By Dr S K Kapoor

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PALOMA WILLIAMSON

Learn Vedic Mathematics in 10 Days Motilal Banarsidass Publishe This epoch-making and monumental work on Vedic Mathematics unfolds a new method of approach. It relates to the truth of numbers and magnitudes equally applicable to all sciences and arts. The book brings to light how great and true knowledge is born of intuition, quite different from modern Western method. The ancient Indian method and its secret techniques are examined and shown to be capable of solving various problems of mathematics. The universe we live in has a basic mathematical structure obeying the rules of mathematical measures and relations. All the subjects in mathematics-Multiplication, Division, Factorization, Equations, Calculus, Analytical Conics, etc.-are dealt with in forty chapters, vividly working out all problems, in the easiest ever method discovered so far. The volume, more a 'magic', is the result of intuitional visualization of fundamental mathematical truths born after eight years of highly concentrated endeavour of Jagadguru Sri Bharati Krsna Tirtha.

A Beginners' Guide Motilal Banarsidass Publ.

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

Vertically and Crosswise Discovery Publishing House NATIONAL BESTSELLER 2nd REVISED & UPDATED EDITION With Trigonometry Vedic mathematics is gaining widespread popularity among the student community as well as maths lovers. The absence of a book, explaining the techniques in a simple language, has been felt acutely for a long time. This book has been written using a step-by-step approach, and attempts to fill the existing void. It includes several solved problems in addition to 1000 practice problems with answers. It also includes a special chapter which shows the application of the techniques to problems set in competitive exams like CAT, CET etc. People from all walks of life including school and college students, teachers, parents and also those from non-mathematical areas of study will discover the joys of solving mathematical problems using the wonderful set of techniques called Vedic Maths.

Vedic Mathematics Made Easy Blue Rose Publishers Vedic Mathematics is a method of calculation used by sages in ancient times, The Magic of Vedic Mathematics is a book that shows you how to master Vedic mathematics independently, without the help of any expert. Each page of this book is designed to gradually decrease the fear of numbers and mathematics from the mind of the readers, increase their interest and competence in these, and boost confidence in the capacity of their minds. As they learn each new technique of Vedic Maths, their speed and accuracy of calculating numbers and solving sums enhances, and their dependance on calculators and computers decreases. Each chapter introduces new techniques illustrated by several solved examples in a simple easy-to-understand manner suitable for readers of all age-groups.

Maths Sutra Symbion Books

The 'Vedas' are considered 'divine' in origin and are assumed to be revelations from God. In traditional Hinduism, the Vedas were to be learnt only by the 'upper' caste Hindus. The 'lower castes' (Sudras) and so-called 'untouchables' (who were outside the Hindu social order) were forbidden from even hearing to its recitation. In recent years, there have been claims that the Vedas contain the cure to AIDS and the production of electricity. Here the authors probe into Vedic Mathematics (that gained renown during the revivalist Hindutva rule in India and was introduced into school syllabus in several states); and explore if it is really 'Vedic' in origin or 'Mathematics' in content. To gain a better understanding of its imposition, we interviewed students, teachers, parents, educationists and activists. We analyze this problem using models like Fuzzy Cognitive Maps (FCM), Fuzzy Relational Maps (FRM) and newly constructed Fuzzy Dynamical System (and their Neutrosophic Analogues). The issue of imposition of Vedic Mathematics into the school curriculum involves religious politics, caste supremacy, apart from elementary arithmetic? so we use fuzzy and neutrosophic techniques to gain acute insight into how students have been affected because of this politically motivated syllabus revision. *Maths Sutras from Around the World* Ebooks2go Incorporated In this book the Vedic techniques are applied to ordinary school mathematics for eleven and twelve years-old. the arithmetic introduced in books I and II is extended. The book also deals with

the initial stages of solving equations, coordinate geometry, approximations, indices, parallels, triangles, ratio and proportion as well as other topics. Once a basic grounding has been established with the Vedic methods the next stage is the beginning of discrimination. A problem is set and, armed with several techniques, the student must choose the easiest or most relevant for achieving the solution. This book deals with some of the steps required for this training.

VEDIC MATHEMATICS Jaico Publishing House

Vedic mathematics is an ancient technique consisting of sixteen sutras and sixteen sub-sutras. It simplifies not only the fundamental arithmetic operations, such as multiplication and division, but also more advanced concepts such as simultaneous equations, quadratic equations, the factorization of cubic equations, and so on. This mathematical technique is rapidly emerging as a tool for students appearing in various competitive examinations, including CAT, MAT, XAT, SAT, engineering and banking examinations, where speed and accuracy play a vital role. As a bonus for students, Rajesh Kumar Thakur has also included in this book chapters for CBSE and ICSE board examinations. Written in simple and lucid language, *The Essentials of Vedic Mathematics* has been designed to benefit the maximum number of readers. Now you can comprehend the basics of Vedic mathematics without any help from experts.

For One-line Answers to All Mathematical Problems Motilal Banarsidass Publ.

Vedic Mathematics, Or Sixteen Simple Mathematical Formulae from the Vedas For One-line Answers to All Mathematical Problems Vedic Mathematics for Schools Motilal Banarsidass Publ.

Vedic Addition Vedic Mathematics, Or Sixteen Simple Mathematical Formulae from the Vedas For One-line Answers to All Mathematical Problems Vedic Mathematics for Schools Vedic Mathematics for Schools, Book 2 is intended as a first year textbook for senior schools or for children aiming for examination at 11+. It is based on the fundamental principles of Vedic mathematics which were reconstructed earlier this century by Sri Sankaracarya Bharati Krsna Tirthaji. Although the sutras may well be very ancient, practice and experience have shown that they are highly relevant and useful to the modern-day teaching of mathematics. They are entirely applicable to modern problems and even to modern approaches to mathematics. Topics covered include the four rules of number, fractions and decimals, simplifying and solving in algebra, perimeters and areas, ratio and proportion, percentages, averages, graphs, angles and basic geometrical constructions. The book contains step-by-step worked examples with explanatory notes together with over two hundred practice exercises. The material in this book is currently used at schools around the world associated with the Education Renaissance Trust.

Vedic Mathematics for Students Notion Press

Aim of this book is to make reach of Vedic Mathematics to all citizens of our Nation as well as to the World and to introduce Mathematics as an easy subject. This book is application of Vedic Sutras mainly on basic operations such as Additions, Subtractions, Multiplications and Divisions. This book will surely reach the minds of the readers at their first reading. Most of the concepts are well presented with the help of tables and arrows. 'At a Glance' Section will help the reader to understand the concepts in a better way. After each concept, by practicing "Practice as you Learn work sheets" the reader will retain the concepts for ever in his mind. A few out of several advantages of Vedic Mathematics are: It is about 1200%-1500% times faster than the normal. It is very useful for competitive exam aspirants primarily because of its speed factor. Regular practice of Vedic math's methods has a positive effect on readers mind to do sums mentally from left to right and right to left. It plays an important role in increasing concentration as well as improving confidence. It is very simple, direct and straight forward. It eliminates the math-phobia, if any, present in mind. It plays an important role in increasing concentration, improving confidence and encourages mental calculations.

The Art of Vedic Speed Calculation Penguin UK

The remarkable system of Vedic mathematics was created after careful study of ancient Sanskrit texts early last century. The Vedic system with its direct, easy and flexible approach forms a complete system of mental mathematics (though the methods can also be written down) and brings out the naturally coherent and unified structure of mathematics. Many of the features and techniques of this unique system are truly amazing in their efficiency and originality. Being a mental system, Vedic Mathematics encourages creativity and innovation. Mental mathematics increases mental agility, improves memory, the ability to hold ideas in the mind and promotes confidence, as well

as being of great practical use. This course consists of three textbooks an Answer Book and a Teacher's Guide. The course is aimed at 11-14 year old pupils though some of it is very suitable for children from 8 years. Vedic Mathematics is being taught in many schools world-wide with great success: many top mathematics prizes have been won by students of this system. [Vedic Mathematics Sutra](#) Puffin

Vedic Mathematics is a system of mathematics that allows problems to be solved quickly and efficiently. It is based on the work of Sri Bharathi Krishna Thirthaji Maharaja (1884 - 1964), who devised the system from a close study of the Vedas. It is based on 16 sutras (aphorisms) that provide a principle or a rule of working to solve a problem. This series of books is an attempt to present the material in a modular fashion. Each book focuses on one arithmetic operation - addition, subtraction, multiplication and division. These books can be read in any order, but it is recommended that addition and subtraction be read before multiplication and division. This particular book is related to addition only, and subsequent books will cover the other arithmetic operations. The book features screencasts that explain each technique, visuals and interactive exercises.

[Encyclopaedia Of Vedic Mathematics \(3 Vols. Set\)](#) Lotus Press

The author has attempted to codify several useful results embedded in the ancient lore, in a form which is easily accessible to the children learning mathematics. Many of the chapters deal with computations using simple techniques which will shorten the effort involved in the conventional approach. The price one pays, of course, is that one has to learn the tricks, memorize them and use the appropriate one for each problem. While one might think that this takes away the generality of the modern approach, it certainly has the element of charm and intrigue which children [and grown-ups!] will find entertaining. Even working out why many of these approaches lead to correct results is a valuable exercise by itself. Contents Foreword, Preface, Feedback, Introduction, 1. Complement, Subtraction, Multiplication by Specific Numbers, Base Multiplication, Working Base Multiplication, Multiplication, Algebra, Digital Roots, Divisibility, Division I, Division II, Squares, Straight Squaring, Cubes, Square roots of exact squares, Cube roots of exact cubes, Straight Division, Square roots II, Sutras, Glossary, Index.

Lotus Press

VEDIC MATHEMATICS FOR STUDENTS, Level - 4 of 5 Series is the first book on Vedic Mathematics introducing the ancient techniques and fundamental concepts present in Mathematics. This book has detailed illustrations of all the methods explained in detail. This book helps students increase their ability and get into their comfort zone when solving problems. Vedic Mathematics can aspire young minds to be creative and improve lateral thinking. In ancient India, Mathematics was known by the general name Ganitha, which includes arithmetic, geometry, algebra, astronomy and astrology. In the field of Mathematics, ancient Indians made three distinct contributions - the notation system, the decimal system and the use of zero. The system discovered by Swami Bharathi Krishna Tirthaji is based on sixteen formulae (or sutras) and thirteen sub-formulae (upa-sutras). These sutras can be related to natural and mental functions such as completing a whole, noticing analogies, generalisation and so on. It provides one line, mental and super-fast methods along with quick cross-checking systems. It offers concepts, methods, tricks and shortcuts to workout complex mathematical problems fast, literally in few seconds without using calculators and computers. **SALIENT FEATURES OF VEDIC MATHEMATICS:** ü Removes Fear of Mathematics ü Enables Strong Logical Thinking & Problem-Solving Skills ü Enables Faster Calculations ü Improves Concentration ü Encourages Mental Calculations ü Encourages Multidimensional Thinking ü Develops Creativity

Higher Applications of Vedic Mathematics S. Chand Publishing

"This book provides a tour around Mathematics, spreading over two thousand years of its history, the elaborate conceptual thoughts of this subject and its relevant applications in a multitude of fields, across societies and eras"-- *Teacher's Manual* World Scientific Publishing Company **VEDIC MATHEMATICS FOR STUDENTS, Level - 5 of 5 Series** is the first book on Vedic Mathematics introducing the ancient techniques and fundamental concepts present in Mathematics. This book has detailed illustrations of all the methods explained in detail. This book helps students increase their ability and get into their comfort zone when solving problems. Vedic Mathematics can aspire young minds to be creative and improve lateral thinking. In ancient India, Mathematics was known by the general name Ganitha, which includes arithmetic, geometry, algebra, astronomy and astrology. In the field of Mathematics, ancient Indians made

three distinct contributions - the notation system, the decimal system and the use of zero. The system discovered by Swami Bharathi Krishna Tirthaji is based on sixteen formulae (or sutras) and thirteen sub-formulae (upa-sutras). These sutras can be related to natural and mental functions such as completing a whole, noticing analogies, generalisation and so on. It provides one line, mental and super-fast methods along with quick cross-checking systems. It offers concepts, methods, tricks and shortcuts to workout complex mathematical problems fast, literally in few seconds without using calculators and computers. *Vedic Mathematics, 'Vedic' or 'Mathematics': A Fuzzy & Neutrosophic Analysis* Lotus Press

In the Vedic system 'difficult' problems or huge sums can often be solved immediately by the Vedic method. The simplicity of Vedic Mathematics means that calculations can be carried out mentally (though the methods can also be written down). Anybody can invent their own methods, they are not limited to the one 'correct' method. This leads to more creative, interested and intelligent pupils. Interest in the Vedic system is growing in education where mathematics teachers are looking for something better and finding the Vedic system is the answer. Research is being carried out in many areas including the effects of learning Vedic Maths on children; developing new, powerful but easy applications of the Vedic Sutras in geometry, calculus, computing etc. But the real beauty and effectiveness of Vedic Mathematics cannot be fully appreciated without actually practising the system. One can then see that it is perhaps the most refined and efficient mathematical system possible. This book gives an understanding about how Vedic Methods work. This book is systematically and scientifically designs with World's Latest Invented Vedic Techniques in very simple language. In this book the author has developed many techniques that describe the way our mind naturally works.

VEDIC MATHEMATICS For Students V&S Publishers

The very word Veda has this derivational meaning i.e. the fountainhead and illimitable storehouse of all knowledge. This

derivation, in effect, means, connotes and implies that the Vedas should contain within themselves all the knowledge needed by mankind relating not only to the so-called spiritual (or other-worldly) matters but also to those usually described as purely secular, temporal, or worldly; and also to the means required by humanity as such for the achievement of all-round, complete and perfect success in all conceivable directions and that there can be no adjectival or restrictive epithet calculated (or tenaing) to limit that knowledge down in any sphere, any direction or any respect whatsoever. In other words, it connotes and implies that our ancient Indian Vedic lore should be all-round complete and perfect and able to throw the fullest necessary light on all matters which any aspiring seeker after knowledge can possibly seek to be enlightened on. Contents: Vol. I: 1. An Overview of the Indian Mathematics; 2. Applications of Vedic Mathematics; 3. The History of Vedic Mathematics; 4. Partial Fractions in Integration; 5. The Vedic Mathematics Sutras; 6. Sulbasutras of the Vedic Mathematics; 7. The Principles of Vedic Mathematics. Vol. II: 1. Briefing of the Vedic Mathematics; 2. Vedic Mathematicians in Ancient India and the Celestial Timekeepers; 3. Vedic Mathematical Formulae; 4. Factorization of Quadratics; 5. Vedic Mathematics: The Ancient Indian Knowledge. Vol. III: 1. Vedic Mathematics, A Forgotten Science; 2. Why the Vedic Mathematics Important?; 3. Glimpse of Vedic Mathematics; 4. Multi Dimensions of Time and Space; 5. Mathematics and the Spiritual Dimension; 6. Vedic Mathematics Teaching Methodology; 7. Indian Mathematics: Redressing the Balance.

The Essentials of Vedic Mathematics Lotus Press

Vedic Mathematics unfolds a new method of approach to mathematics. It is based on sixteen one line formulae known as 'sutas' and thirteen one line corollaries known as 'upa sutra'. These simple straight forward formulae and techniques help in solving complex mathematical problems in quick and easy steps. The step-by-step easy methods explained in

this book help to remove the mathematics phobia commonly present in students and boost their self-confidence. The short techniques elevate the performance level of the students in any exam be it school, college or competitive examination. Salient features: Simple & Lucid language Diagrammatic and step-by-step explanation Solved examples for clear understanding Practice exercise & Word of caution in every chapter Time Saving Tricks & Shortcuts Mini Mathematics Refresher Brain racking puzzles

LEVEL - 1 OF 5 SERIES Brahmee Publications

VEDIC MATHEMATICS For Students, Level - 1 of 5 Series is the first book on Vedic Mathematics introducing the ancient techniques and fundamental concepts present in Mathematics. This book has detailed illustrations of all the methods explained in detail. This book helps students increase their ability and get into their comfort zone when solving problems. Vedic Mathematics can aspire young minds to be creative and improve lateral thinking. In ancient India, Mathematics was known by the general name Ganitha, which includes arithmetic, geometry, algebra, astronomy and astrology. In the field of Mathematics, ancient Indians made three distinct contributions - the notation system, the decimal system and the use of zero. The system discovered by Swami Bharathi Krishna Tirthaji is based on sixteen formulae (or sutras) and thirteen sub-formulae (upa-sutras). These sutras can be related to natural and mental functions such as completing a whole, noticing analogies, generalisation and so on. It provides one line, mental and super-fast methods along with quick cross-checking systems. It offers concepts, methods, tricks and shortcuts to workout complex mathematical problems fast, literally in few seconds without using calculators and computers. SALIENT FEATURES OF VEDIC MATHEMATICS: ü Removes fear of Mathematics ü Enables strong Logical thinking & Problem-Solving skills ü Enables Faster Calculations ü Improves Concentration ü Encourages Mental Calculations ü Encourages Multidimensional Thinking ü Develops Creativity