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Merlin's Big Book of Puzzles, Games and Magic Charles Barry Townsend 2001 "Compilation of the previouusly published Merlin's puzzler, Merlin's puzzler 2 and Merlin's puzzler 3"--Title page verso.

Entertaining Mathematical Teasers and how to Solve Them James Alston Hope Hunter 1983 160 math teasers and 40 alphametics will provide hours of mind-stretching entertainment. Accessible to high school students. Solutions. Four Appendices.

Mathematical Puzzles Sam Loyd 1959 Choice puzzles by one of America's most ingenious creators of mathematical entertainments, ranging from simple exercises in arithmetic to complex calculus problems

Merlin Book of Logic Puzzles Margaret C. Edmiston 1993 Includes hints and solutions for seventy puzzles involving logic, algebra, and charts

Merlin's Puzzler Charles Barry Townsend 1976-10-01

Experiments in Topology Stephen Barr 1989-01-01 "A mathematician named Klein Thought the Moebius band was divine. Said he: 'If you glue The edges of two, You'll get a weird bottle like mine.' " — Stephen Barr In this lively book, the classic in its field, a master of recreational topology invites readers to venture into such tantalizing topological realms as continuity and connectedness via the Klein bottle and the Moebius strip. Beginning with a definition of topology and a discussion of Euler's theorem, Mr. Barr brings wit and clarity to these topics: New Surfaces (Orientability, Dimension, The Klein Bottle, etc.) The Shortest Moebius Strip The Conical Moebius Strip The Klein Bottle The Projective Plane (Symmetry) Map Coloring Networks (Koenigsberg Bridges, Betti Numbers, Knots) The Trial of the Punctured Torus Continuity and Discreteness ("Next Number," Continuity, Neighborhoods, Limit Points) Sets (Valid or Merely True? Venn Diagrams, Open and Closed Sets, Transformations, Mapping, Homotopy) With this book and a square sheet of paper, the reader can make paper Klein bottles, step by step; then, by intersecting or cutting the bottle, make Moebius strips. Conical Moebius strips, projective planes, the principle of map coloring, the classic problem of the Koenigsberg bridges, and many more aspects of topology are carefully and concisely illuminated by the author's informal and entertaining approach. Now in this inexpensive paperback edition, Experiments in Topology belongs in the library of any math enthusiast with a taste for brainteasing adventures

Self-working Number Magic Karl Fulves 1983 Clear instructions for 101 tricks and problems, many based on important math principles. Master such number phenomena as Lightning Calculations, Giant Memory, Magic Squares, nearly 100 more. 98 illustrations.

Dr. Ecco Dennis Shasha 2004-06-01 The heroic Dr. Ecco uncovers a fiendish plot in this collection of original puzzles inspired by research methods of computer science and mathematics. No sophisticated mathematical background necessary. Solutions.

Entangled Life Merlin Sheldrake 2020-05-12 NEW YORK TIMES BESTSELLER • A "brilliant [and] entrancing" (The Guardian) journey into the hidden lives of fungi—the great connectors of the living world—and their astonishing and intimate roles in human life, with the power to heal our bodies, expand our minds, and help us address our most urgent environmental problems. "Grand and dizzying in how thoroughly it recalibrates our understanding of the natural world."—Ed Yong, author of I Contain Multitudes ONE OF THE BEST BOOKS OF THE YEAR—Time, BBC Science Focus, The Daily Mail, Geographical, The Times, The Telegraph, New Statesman, London Evening Standard, Science Friday When we think of fungi, we likely think of mushrooms. But mushrooms are only fruiting bodies, analogous to apples on a tree. Most fungi live out of sight, yet make up a massively diverse kingdom of organisms that supports and sustains nearly all living systems. Fungi provide a key to understanding the planet on which we live, and the ways we think, feel, and behave. In Entangled Life, the brilliant young biologist Merlin Sheldrake shows us the world from a fungal point of view, providing an exhilarating change of perspective. Sheldrake's vivid exploration takes us from yeast to psychedelics, to the fungi that range for miles underground and are the largest organisms on the planet, to those that link plants together in complex networks known as the "Wood Wide Web," to those that infiltrate and manipulate insect bodies with devastating precision. Fungi throw our concepts of individuality and even intelligence into question. They are metabolic masters, earth makers, and key players in most of life's processes. They can change our minds, heal our bodies, and even help us remediate environmental disaster. By examining fungi on their own terms, Sheldrake reveals how these extraordinary organisms—and our relationships with them—are changing our understanding of how life works. Winner of the Wainwright Prize, the Royal Society Science Book Prize, and the Guild of Food Writers Award • Shortlisted for the British Book Award • Longlisted for the Rathbones Folio Prize

Rediscovered Lewis Carroll Puzzles Lewis Carroll 1995-01-01 This challenging collection of 42 mathematical mind-benders, compiled by a noted Lewis Carroll scholar, includes Castle Croquet, A Sticky but Polished Riddle, Who's Coming to Dinner?, A New Way to Pay Old Debts, Eligible Apartments, Predicting the Total, and more. Includes complete solutions and drawings by John Tenniel, the original illustrator of Alice's Adventures in Wonderland.

Cumulative Book Index 1992 A world list of books in the English language.

Intriguing Mathematical Problems Oswald Jacoby 1996-01-01 Treasury of stimulating, challenging brainteasers includes puzzles involving numbers, letters, probability, reasoning, whole numbers, more. The Enterprising Snail, The Fly and the Bicycles, The Lovesick Cockroaches, Mr. Wright and the Insurance Salesman, many others. No advanced math needed. Solutions included.

Lewis Carroll's Games and Puzzles Lewis Carroll 1992-03-27 Forty-two perplexing puzzles by creator of Alice in Wonderland: Cakes in a Row, Looking-Glass Time, Arithmetical Croquet, Diverse Doublets, and others. Hints, solutions. Illustrations by John Tenniel.

Knowledge and Cognition Lee W. Gregg 2013-08-21 First Published in 1974. Routledge is an imprint of Taylor & Francis, an informa company.

Adventures in Group Theory David Joyner 2008-12-29 Featuring strategies for solving the puzzles and computations illustrated using the SAGE open-source computer algebra system, the second edition of Adventures in Group Theory is perfect for mathematics enthusiasts and for use as a supplementary textbook.

King Arthur in Search of His Dog and Other Curious Puzzles Raymond M. Smullyan 2010-04-21 This fanciful, original collection for readers of all ages features arithmetic puzzles, logic problems related to crime detection, and logic and arithmetic puzzles involving King Arthur and his Dogs of the Round Table.

Four Lives Jason Rosenhouse 2014-02-20 This "best of" hardcover collection of works by Raymond Smullyan features logic puzzles, musings on mathematical logic and paradoxes, chess problems, and thoughts on the philosophy of religion, plus personal tributes to the author.

Mage Merlin's Unsolved Mathematical Mysteries Satyan Devadoss 2021-08-24 Sixteen of today's greatest unsolved mathematical puzzles in a story-driven, illustrated volume that invites readers to peek over the edge of the unknown. Most people think of mathematics as a set of useful tools designed to answer analytical questions, beginning with simple arithmetic and ending with advanced calculus. But, as Mage Merlin's Unsolved Mathematical Mysteries shows, mathematics is filled with intriguing mysteries that take us to the edge of the unknown. This richly illustrated, story-driven volume presents sixteen of today's greatest unsolved mathematical puzzles, all understandable by anyone with elementary math skills. These intriguing mysteries are presented to

readers as puzzles that have time-traveled from Camelot, preserved in the notebook of Merlin, the wise magician in King Arthur's court. Our guide is Mage Maryam (named in honor of the brilliant young mathematician, the late Maryam Mirzakhani), a distant descendant of Merlin. Maryam introduces the mysteries--each of which is presented across two beautifully illustrated pages--and provides mathematical and historical context afterward. We find Merlin confronting mathematical puzzles involving tinker toys (a present for Camelot's princesses from the sorceress Morgana), cake-slicing at a festival, Lancelot's labyrinth, a vault for the Holy Grail, and more. Each mystery is a sword awaiting removal from its stone, capturing the beauty and power of mathematics.

Math and Logic Puzzles for PC Enthusiasts J. J. Clessa 1996-01-01 Treasury of 135 bafflers (70 "quickies" and 65 "micropuzzles") specially designed for computer hobbyists. Puzzles range from relatively simple exercises in logic to daunting mathematical brainteasers. Although a computer is helpful, many can be solved with pocket calculator, pen-and-paper or just plain brain-power. Introduction. Answers.

Buddha's Thunderbolt: the Uncredulous Tale of the Wizard Merlin Jacob Asher Michael 2010-03-12 What if everything you knew about the Wizard Merlin was wrong?What if Merlin was actually a Buddhist monk prone to hallucinations, who was taken as a slave by the Huns and transported to Europe? Buddha's Thunderbolt tells the tale of this most peculiar man, a 5th Century rationalist, who regards magic as bunk, druids as idiots, and knights as glorified thugs. The last thing he wants is for the inquisitive orphan boy he is mentoring to become a king.Most folks at the bay market think Merlin is a bit mad. He claims to have traveled from Britain through India to China and back. His surrealistic visions, from horrifying flashbacks to a chess match with Ganesha, are a burden he has learned to bear. But what of the mysterious Lady Gopi, who appears to him in various animal forms? Is she a delusion as well?

The Alien IQ Test Clifford A. Pickover 2001-12-01 Presents a collection of exercises and puzzles that test mental acuity, mathematical prowess, abstract reasoning, moral sensitivity, and concepts of beauty.

Mathematical Quickies Charles W. Trigg 1985 For the mathematics enthusiast of any age or level of sophisitcation, this stimulating treasury of unusual math problems offers unlimited opportunity for mind-biggling recreation. Carles W. Trigg, Dean Emeritus and Professor Emeritus at Los Angeles City College and one of the country's best-known problemists, has compiled nearly 300 mathematical brainteasers from the field of of arithmetic, algebra, plane and solid geometry, trigonometry, number theory, and such general recreational mathematics and dissections, cryptarithms and magic squares. The object of each problem is to find the quickest, most elegant solution - they are often unorthodox and there is usually and element of surprise in each. Ranging from the simple to complex, problems are both original with the author and the work of over 100 other qualified mathematicians. Most are rarely seen or entirely new; all challenge the reader to devise solutions more elegant than the ones provided.

Books in Print 1991

The Arthurian Annals Daniel P. Nastali 2004 This is a definitive bibliography of over 600 years of the Arthurian tradition in English. It is a chronological and descriptive listing of Arthurian literature and related material from the beginning of the English language to 2000.

The Merlin Factor Charles E. Smith 1997 The author draws on the legend of King Arthur and the knights of the Round Table to set out principles and practices designed to help organizations to improve performance and fulfil their potential.

Entertaining Mathematical Puzzles Martin Gardner 1986-10 Playing with mathematical riddles can be an intriguing and fun-filled pastime — as popular science writer Martin Gardner proves in this entertaining collection. Puzzlists need only an elementary knowledge of math and a will to resist looking up the answer before trying to solve a problem. Written in a light and witty style, Entertaining Mathematical Puzzles is a mixture of old and new riddles, grouped into sections that cover a variety of mathematical topics: money, speed, plane and solid geometry, probability, topology, tricky puzzles, and more. The probability section, for example, points out that everything we do, everything that happens around us, obeys the laws of probability; geometry puzzles test our ability to think pictorially and often, in more than one dimension; while topology, among the "youngest and rowdiest branches of modern geometry," offers a glimpse into a strange dimension where properties remain unchanged, no matter how a figure is twisted, stretched, or compressed. Clear and concise comments at the beginning of each section explain the nature and importance of the math needed to solve each puzzle. A carefully explained solution follows each problem. In many cases, all that is needed to solve a puzzle is the ability to think logically and clearly, to be "on the alert for surprising, off-beat angles...that strange hidden factor that everyone else had overlooked." Fully illustrated, this engaging collection will appeal to parents and children, amateur mathematicians, scientists, and students alike, and may, as the author writes, make the reader "want to study the subject in earnest" and explains "some of the inviting paths that wind away from the problems into lusher areas of the mathematical jungle." 65 black-and-white illustrations.

Intriguing Puzzles in Math and Logic Stephen Barr 1994 Over 60 baffling brain benders: Two Glasses of Port, Wolf in Sheep's Compound, The Infinite Chessboard, Bughouse Binary, more. Answers.

Logic Puzzles 2009-02-06 Packed with over 300 challenges, this exciting compilation will test, tease, and develop your logic faculties.

Calculator Puzzles, Tricks and Games Norvin Pallas 1991-01-01 A collection of games, tricks, and puzzles which illustrate the capabilities of a calculator.

Fantastic Book of Logic Puzzles Muriel Mandell 1986 A collection of seventy illustrated logic puzzles set in fantastic locales such as outer space or mythical kingdoms, with explanations of the logical reasoning needed to solve them

Famous Cities Search-a-Word Puzzles Peter Lewis 2001-06-28 Find groups of letters that spell the names of waterways, airports, landmarks, royal residences, and more of such cities as Rome, Mecca, Oslo, Montreal, Hong Kong, Istanbul, Athens, and New York. 50 puzzles.

The Enjoyment of Mathematics Hans Rademacher 1990-01-01 Requiring only a basic background in plane geometry and elementary algebra, this classic poses 28 problems that introduce the fundamental ideas that make mathematics truly exciting. "Excellent . . . a thoroughly enjoyable sampler of fascinating mathematical problems and their solutions"—Science Magazine.

Logic: Bullet Guides Joe Morrison 2011-11-25 Open this book and you will Learn what logic is Use truth tables and truth trees Make sense of complex arguments Use logic every day

Mathematical Brain Benders Stephen Barr 1982-05-01 Challenge yourself with over 100 fresh paradoxes, puzzles, riddles, conundrums, word and number games for the jaded, skeptical puzzlist. Over 100 pages of comprehensive answers. Approximately 300 illustrations. "Excellent collection of unusual, offbeat, and completely original puzzles." ? Scientific American.

Cryptograms and Spygrams Norma Gleason 1981-01-01 Contains over one hundred puzzles and problems to solve, ranging in difficulty from relatively simple to complex, and includes an answer key.

A Bibliography of Modern Arthuriana (1500-2000) Ann Ann Howey 2006 No description available.

Mathematical Recreations of Lewis Carroll Lewis Carroll 1958-06 Virtually unobtainable for many years, these two books by Lewis Carroll (C. L. Dodgson) have now been reprinted in their entirety for the pleasure of modern

enthusiasts of mathematical puzzles. Written by the 19th-century mathematician who gave us Alice in Wonderland and Through the Looking Glass, they contain an unusual combination of wit and mathematical intricacy that will test your mathematical ingenuity and provide hours of stimulating entertainment. Pillow-Problems is one of the rarest of all Lewis Carroll's works. It contains 72 mathematical posers ranging from those that can be solved by arithmetic, simple algebra, or plane geometry, to those that require more advanced algebra, trigonometry, algebraical geometry, differential calculus, and transcendental probabilities. Both numerical answers and fully worked out solutions are given, each in a separate section so that you can test your methods of problem-solving even after you have looked up the answer to a problem. In A Tangled Tale, Carroll embodies some of his most perplexing mathematical puzzles in the ten knots or chapters of a delightful story that has all the charm and wit of his better-known works. The Tale was originally printed as a monthly magazine serial, and many readers sent in solutions to the problems that were posed in it. In the long Appendix to The Tale, which contains the answers and solutions to the problems, Carroll uses the answers sent in by readers as the basis for illuminating and entertaining discussions of the many wrong ways in which the problems can be attacked, as well as the right ways.

1993

Merlin's Puzzle Pastimes Charles Barry Townsend 1986-01-01 A collection of puzzles, riddles, and problems selected by the author from his earlier volumes.

Margaret C. Edmiston 2004

Mathematics Teacher Resource Handbook

Mensa Logic Puzzles