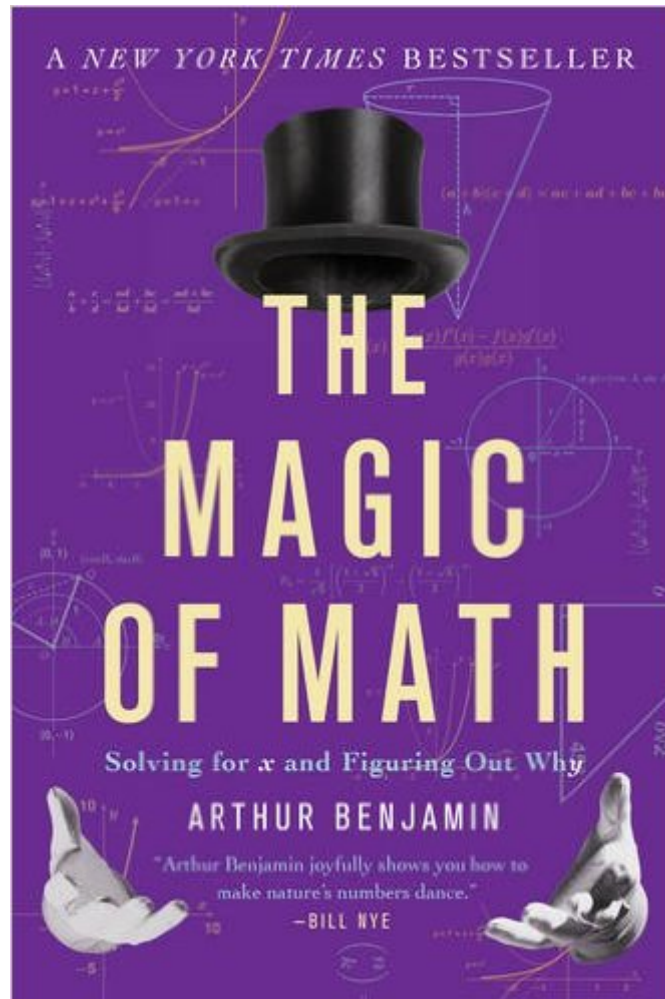


The book was found

# The Magic Of Math: Solving For X And Figuring Out Why



## Synopsis

A New York Times Bestseller; Arthur Benjamin . . . joyfully shows you how to make nature's numbers dance. •; Bill Nye 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

## Book Information

Paperback: 336 pages

Publisher: Basic Books; Reprint edition (September 6, 2016)

Language: English

ISBN-10: 0465096212

ISBN-13: 978-0465096213

Product Dimensions: 5.4 x 1 x 8.2 inches

Shipping Weight: 12 ounces (View shipping rates and policies)

Average Customer Review: 4.4 out of 5 stars • See all reviews • (81 customer reviews)

Best Sellers Rank: #22,094 in Books (See Top 100 in Books) #15 in Books > Science & Math > Mathematics > History #48 in Books > Science & Math > Mathematics > Study & Teaching #6865 in Books > Reference

## Customer Reviews

The Magic of Math is a fantastic book, as one would expect from Arthur Benjamin. Benjamin's enthusiasm shines throughout the book, mathematical ideas are beautifully explained, and each chapter is surprisingly hard to put down! Moreover, the book is appropriate for many different audiences, including:-- Anyone who wants a better understanding of what it means to do mathematics, or wants to see the beauty and creativity inherent in mathematics-- Middle and High School students who want to see some of the mathematics "behind the scenes" of what they're learning in school-- Burgeoning mathematicians who want to see mathematics beyond the scope of the grade school curriculum-- Tutors and teachers who want an easy source of fun material to

engage their students-- Anyone who wants to really understand \*why\* the math they learned in grade school is true. People familiar with this genre of mathematics outreach books (e.g., Here's Looking at Euclid, The Joy of X, Love and Math, etc.) often find that many of the books are very similar, and that their contents tend to overlap greatly. While readers will certainly find common topics like the Pythagorean Theorem or the Fibonacci Numbers in Benjamin's book, I think they'll also encounter quite a substantial amount of new material in this book. In particular, Benjamin goes into more mathematical depth with much of the material he discusses. Further, a quick skim of the contents reveals a lot of beautiful mathematics that is not commonly in outreach books, including an especially thorough discussion of exciting topics in a field of mathematics known as combinatorics. If you're interested in understanding the kind of thinking a mathematician does, then you'll find these chapters especially novel!

[Download to continue reading...](#)

The Magic of Math: Solving for  $x$  and Figuring Out Why Magic Cards: Magic the Gathering - 33 Killer Tips from a Magic Master! (Magic Cards, Magic the Gathering, Magic Decks, Magic the Gathering Tips, Magic Card Tips, How to Play Magic, Magic) The Bread Machine Magic Book of Helpful Hints: Dozens of Problem-Solving Hints and Troubleshooting Techniques for Getting the Most out of Your Bread Machine Clinical Problem Solving in Orthodontics and Paediatric Dentistry, 2e (Clinical Problem Solving in Dentistry) Clinical Problem Solving in Periodontology and Implantology, 1e (Clinical Problem Solving in Dentistry) Cool Paper Folding: Creative Activities That Make Math & Science Fun for Kids!: Creative Activities That Make Math & Science Fun for Kids! (Cool Art with Math & Science) Math For Everyone Combo Book Hardcover: 7th Grade Math, Algebra I, Geometry I, Algebra II, Math Analysis, Calculus Math in Focus: Student Workbook 2A (Math in Focus: Singapore Math) Bedtime Math: The Truth Comes Out (Bedtime Math Series) MAGIC TRICKS: How to do easy illusions and magic card tricks for kids (magic, tricks) Soccernomics: Why England Loses, Why Spain, Germany, and Brazil Win, and Why the U.S., Japan, Australia&#151;and Even Iraq&#151;Are Destined to Become the Kings of the World&#146;s Most Popular Sport Soccernomics: Why England Loses, Why Spain, Germany, and Brazil Win, and Why the U.S., Japan, Australia&#151;and Even Iraq&#151;Are Destined to Become the Kings of the World's Most Popular Sport Magic Tricks from the Tree House: A Fun Companion to Magic Tree House #50: Hurry Up, Houdini! (Magic Tree House (R)) Kids' Magic Secrets: Simple Magic Tricks & Why They Work Math-terpieces: The Art of Problem-Solving HIGH SCHOOL MATH COMMON-CORE GEOMETRY PRACTICE/PROBLEM SOLVING WORKBOOK GRADE 9/10 Step-by-Step Problem Solving, Grade 6 (Singapore Math) Step-by-Step Problem Solving, Grade 2 (Singapore Math) Why

Can't I Get Better?: Solving the Mystery of Lyme and Chronic Disease 100 Math Brainteasers (Grade 7, 8, 9, 10). Arithmetic, Algebra and Geometry Brain Teasers, Puzzles, Games and Problems with Solutions: Math olympiad contest problems for elementary and middle schools

[Dmca](#)