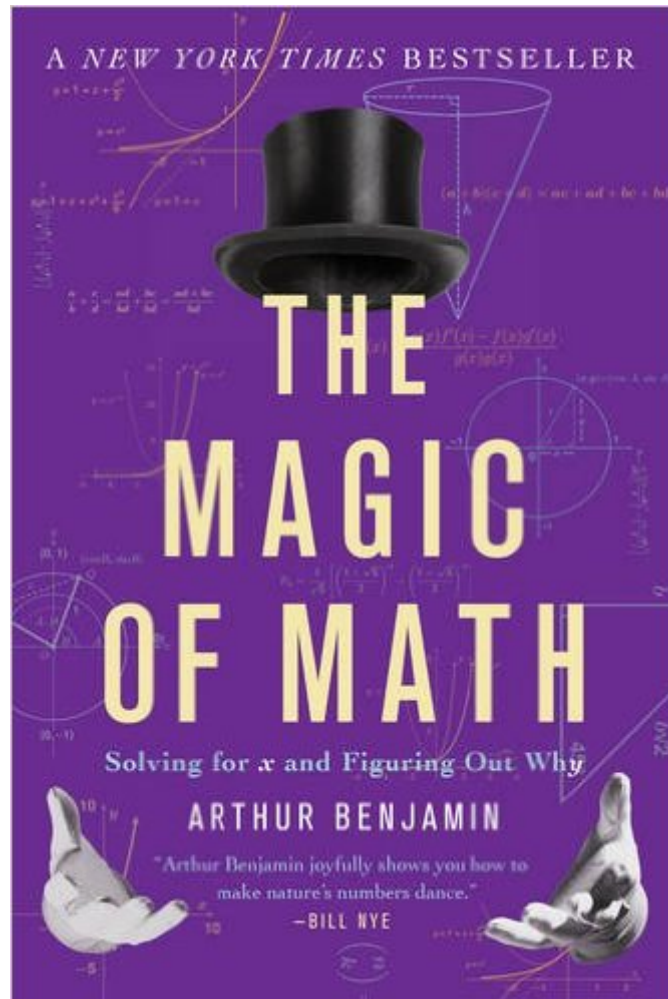


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The Magic Of Math: Solving For X And Figuring Out Why



Synopsis

A New York Times Bestseller“Arthur Benjamin . . . joyfully shows you how to make natureâ€™s numbers dance.â€•—Bill NyeThe 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,â€• 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.â€•—Publishers Weekly, starred review“Each [trick] is more dazzling than the last.â€•—Physics World

Book Information

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

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