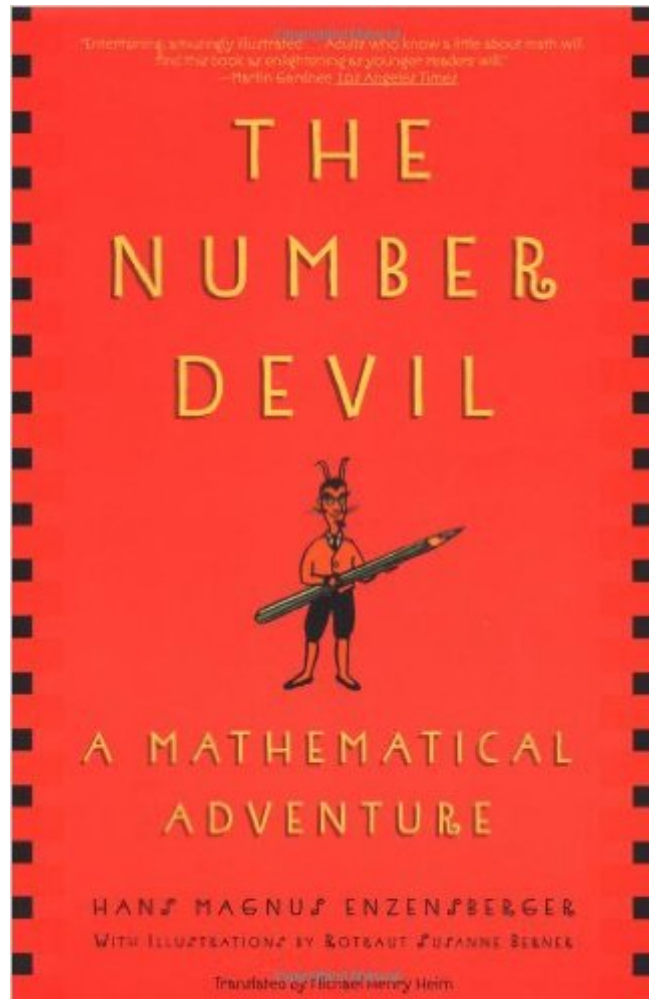# The Number Devil: A Mathematical Adventure

Synopsis

The international best-seller that makes mathematics a thrilling exploration.In twelve dreams, Robert, a boy who hates math, meets a Number Devil, who leads him to discover the amazing world of numbers: infinite numbers, prime numbers, Fibonacci numbers, numbers that magically appear in triangles, and numbers that expand without. As we dream with him, we are taken further and further into mathematical theory, where ideas eventually take flight, until everyone - from those who fumble over fractions to those who solve complex equations in their heads - winds up marveling at what numbers can do.Hans Magnus Enzensberger is a true polymath, the kind of superb intellectual who loves thinking and marshals all of his charm and wit to share his passions with the world. In The Number Devil, he brings together the surreal logic of Alice in Wonderland and the existential geometry of Flatland with the kind of math everyone would love, if only they had a number devil to teach it to them.

Book Information

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Shipping Weight: 7.2 ounces (View shipping rates and policies)

Average Customer Review: 4.5 out of 5 starsÂ Â See all reviewsÂ (168 customer reviews)

Best Sellers Rank: #30,057 in Books (See Top 100 in Books)   #188 inÂ Books > Children's Books > Education & Reference > Reading & Writing   #481 inÂ Books > Science & Math > Mathematics #612 inÂ Books > Children's Books > Science, Nature & How It Works

Age Range: 11 - 15 years

Grade Level: 5 - 08

Customer Reviews

Crossing the story Alice in Wonderland with a small, red, fiery-tempered devil with a passion for numbers gives you The Number Devil, a perfect tale with funny and curious characters.Robert hates math, and he gets irritated because his math teacher doesn't allow calculators in class. In addition to that, he has peculiar dreams all the time. Then, one night, completely out of the blue, he dreams

about a Number Devil, who takes him away to a fantastic world of numbers. Robert learns all about different mathematical ideas and concepts in a fun way. Over the course of 12 different nights, Robert learns about simple math ideas like factorials, fractions, the importance of zero, and the idea of infinity. But Robert's adventures don't stop there; Robert also learns about more complex things like triangle numbers, Fibonacci numbers, imaginary numbers, and irrational numbers. The Number Devil makes up funny terms in order to explain these to Robert. Square roots are called "rutabagas," prime numbers are "prima donnas," squaring becomes "number hopping," the Fibonacci sequence is called "the Bonacci numbers, " and factorials are named "vrooms."Did you know that you can take any even number larger than two and find two prime numbers that add up to it? The Number Devil presents different mathematical ideas to Robert, using funny things like furry calculators and coconuts. Even Robert uses what he learns in his dreams in class. For example, the Number Devil uses coconuts to show Robert what triangular numbers are. He uses the coconuts to make triangles on the ground, and he comes up with the first ten triangular numbers: 1, 3, 6, 10, 15, 21, 28, 36, 45, and 55. Next, he comes up with a little rule for triangular numbers: Any number greater than 1 can be the sum of two or three triangle numbers.

The Number Devil: A Mathematical Adventure Mathematical Interest Theory (Mathematical Association of America Textbooks) 300+ Mathematical Pattern Puzzles: Number Pattern Recognition & Reasoning (Improve Your Math Fluency) Color-by-Number: Flowers: 30+ fun & relaxing color-by-number projects to engage & entertain Number Roundup: A workbook of place values and number strategies Drawing for Kids How to Draw Number Cartoons Step by Step: Number Fun & Cartooning for Children & Beginners by Turning Numbers & Letters into Cartoons What is my number?: a game of number clues for 3rd and 4th graders Contemporary's Number Power 4: Geometry: a real world approach to math (The Number Power Series) Big Book of Number Tracing: 0-100 (Over 1,200 Number Tracing Units) Devil in the Making: The Devil DeVere The Devil Is a Part-Timer, Vol. 6 - manga (The Devil Is a Part-Timer! Manga) The Devil's Due and Other Stories: The Devil's Due, The Portal, Disfigured, Empathy, and Epitaph (International Thriller Writers Presents: Thriller, Vol. 1) How Not to Be Wrong: The Power of Mathematical Thinking Genuine Japanese Origami, Book 2: 34 Mathematical Models Based Upon (the square root of) 2 (Dover Origami Papercraft) The Great Divide: A Mathematical Marathon Gene Expression Programming: Mathematical Modeling by an Artificial Intelligence (Studies in Computational Intelligence) Fortran Codes for Mathematical Programming: Linear, Quadratic and Discrete Error Correcting Codes: A Mathematical Introduction (Chapman Hall/CRC Mathematics Series)

Localization in Periodic Potentials: From Schrödinger Operators to the Gross-Pitaevskii Equation (London Mathematical Society Lecture Note Series) Mathematical Physics of Quantum Wires and Devices: From Spectral Resonances to Anderson Localization (Mathematics and Its Applications)