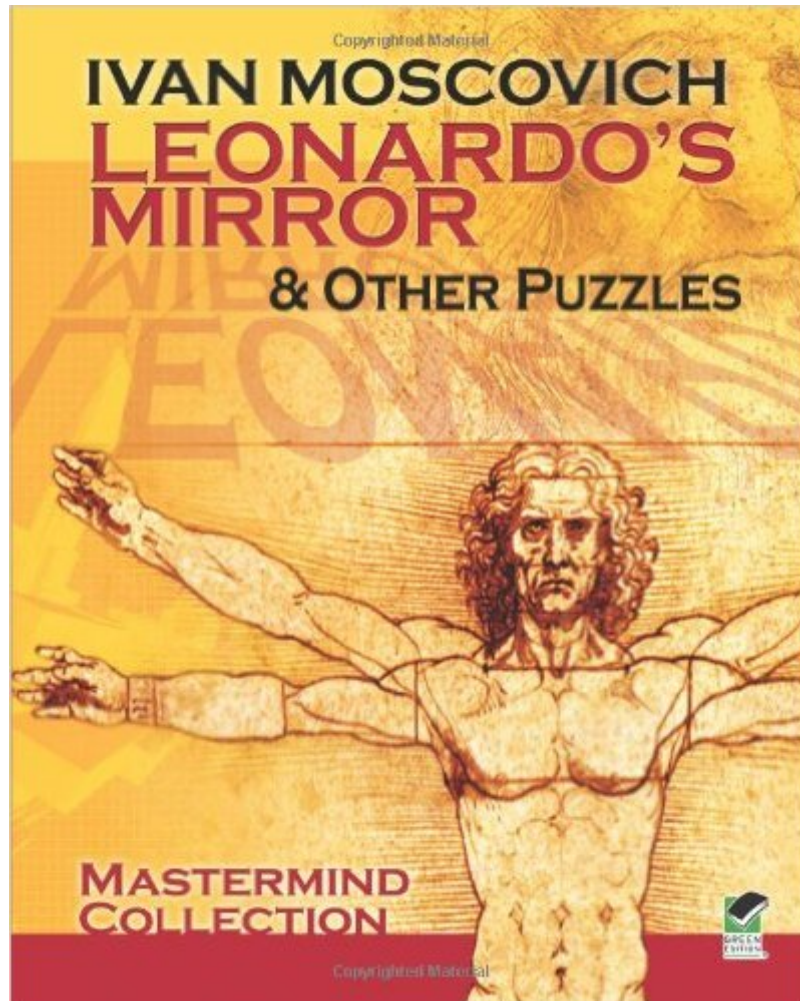


The book was found

Leonardo's Mirror And Other Puzzles (Dover Recreational Math)



Synopsis

One of the world's top puzzle- and game-makers compiled this visually stunning assortment of 86 mathematical challenges. Ivan Moscovich presents his own inventions along with classic mind-bogglers from throughout history. Each promotes creative thinking, providing intellectual satisfaction as well as entertainment. These thought-provoking puzzles offer fresh insights into many concepts common to art, science, and everyday life. They include a tribute to Leonardo da Vinci that involves his famous hidden messages as well as several of his dissection dilemmas. "The Hamilton Way" concerns the problem of visiting all of the vertices of a graph, and "Catenary: The Gravity Curve" suggests a captivating experiment with a chain or a necklace. Each puzzle is accompanied by colorful graphics that help explain the underlying mathematics. Complete answers appear at the end, presenting not only solutions but also explanations that illustrate simple mathematical principles.

Book Information

Age Range: 8 and up

Series: Dover Recreational Math

Paperback: 128 pages

Publisher: Dover Publications (August 18, 2011)

Language: English

ISBN-10: 0486482391

ISBN-13: 978-0486482392

Product Dimensions: 8 x 0.3 x 10 inches

Shipping Weight: 11.2 ounces (View shipping rates and policies)

Average Customer Review: 4.0 out of 5 starsÂ Â See all reviewsÂ (1 customer review)

Best Sellers Rank: #1,155,564 in Books (See Top 100 in Books) #374 inÂ Books > Humor & Entertainment > Puzzles & Games > Math Games #1816 inÂ Books > Humor & Entertainment > Puzzles & Games > Puzzles #20850 inÂ Books > Science & Math > Mathematics

Customer Reviews

Did you know that Leonardo Da Vinci was fascinated with the idea of dissecting curved figures and transforming them into squares? So says Ivan Moscovich, the designer of these puzzles and games which provide a learning experience that he calls "recreational mathematics." This collection of puzzles and games contains a tribute to Da Vinci in the form of mirror writing and a dissection puzzle that is quite difficult to solve. Also included are puzzles based on lines, parabolas, curves,

and hexagons. Interspersed among the puzzles in this collection are fascinating facts about such things as the Kinemat art drawing machine, Fibonacci numbers, and the best way to pack circles. The answer pages provide not only solutions, but also explanations for the answers that present simple principles of mathematics. These puzzles are not just challenging and educational, but they are a visual treat as well, since each puzzle has one or more colorful and esthetically pleasing illustrations. Some of these puzzles are real mind benders, but that makes discovering the solution all the more rewarding. Happy puzzling! Eileen Rieback

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

Leonardo's Mirror and Other Puzzles (Dover Recreational Math) What Is the Name of This Book?: The Riddle of Dracula and Other Logical Puzzles (Dover Recreational Math) My Best Mathematical and Logic Puzzles (Dover Recreational Math) The Moscow Puzzles: 359 Mathematical Recreations (Dover Recreational Math) Tangrams: 330 Puzzles (Dover Recreational Math) Lizzie McGuire: Mirror Mirror - Book #14: Junior Novel (Lizzie McGuire (Numbered)) The Complete Book of Holograms: How They Work and How to Make Them (Dover Recreational Math) The New York Times Monday Through Friday Easy to Tough Crossword Puzzles: 50 Puzzles from the Pages of The New York Times (New York Times Crossword Puzzles) Secret Of Mental Math Arithmetic: 70 Secrets To Super Speed Calculation & Amazing Math Tricks: How to Do Math without a Calculator 2nd Grade Math Flashcards: 240 Flashcards for Building Better Math Skills Based on Sylvan's Proven Techniques for Success (Sylvan Math Flashcards) 3rd Grade Math Flashcards: 240 Flashcards for Improving Math Skills Based on Sylvan's Proven Techniques for Success (Sylvan Math Flashcards) 4th Grade Math Flashcards: 240 Flashcards for Improving Math Skills Based on Sylvan's Proven Techniques for Success (Sylvan Math Flashcards) 1st Grade Math Flashcards: 240 Flashcards for Building Better Math Skills Based on Sylvan's Proven Techniques for Success (Sylvan Math Flashcards) Kindergarten Math Flashcards: 240 Flashcards for Building Better Math Skills Based on Sylvan's Proven Techniques for Success (Sylvan Math Flashcards) How Do You Walk on Fire?: And Other Puzzles: 101 Weird, Wonderful and Wacky Puzzles with Science Oil and Marble: A Novel of Leonardo and Michelangelo Fibonacci's Liber Abaci: A Translation into Modern English of Leonardo Pisano's Book of Calculation (Sources and Studies in the History of Mathematics and Physical Sciences) Leonardo da Vinci and a Memory of His Childhood (The Standard Edition) (Complete Psychological Works of Sigmund Freud) The Fourth Dimension and Non-Euclidean Geometry in Modern Art (Leonardo Book Series) Libros para ninos en espaÃ±ol: Leonardo la serie el leÃ³n (Libro en EspaÃ±ol para niÃ±os Children's Spanish Books (Spanish book for kids) English Spanish Bilingual ... Spanish Editio) (Spanish Edition)

