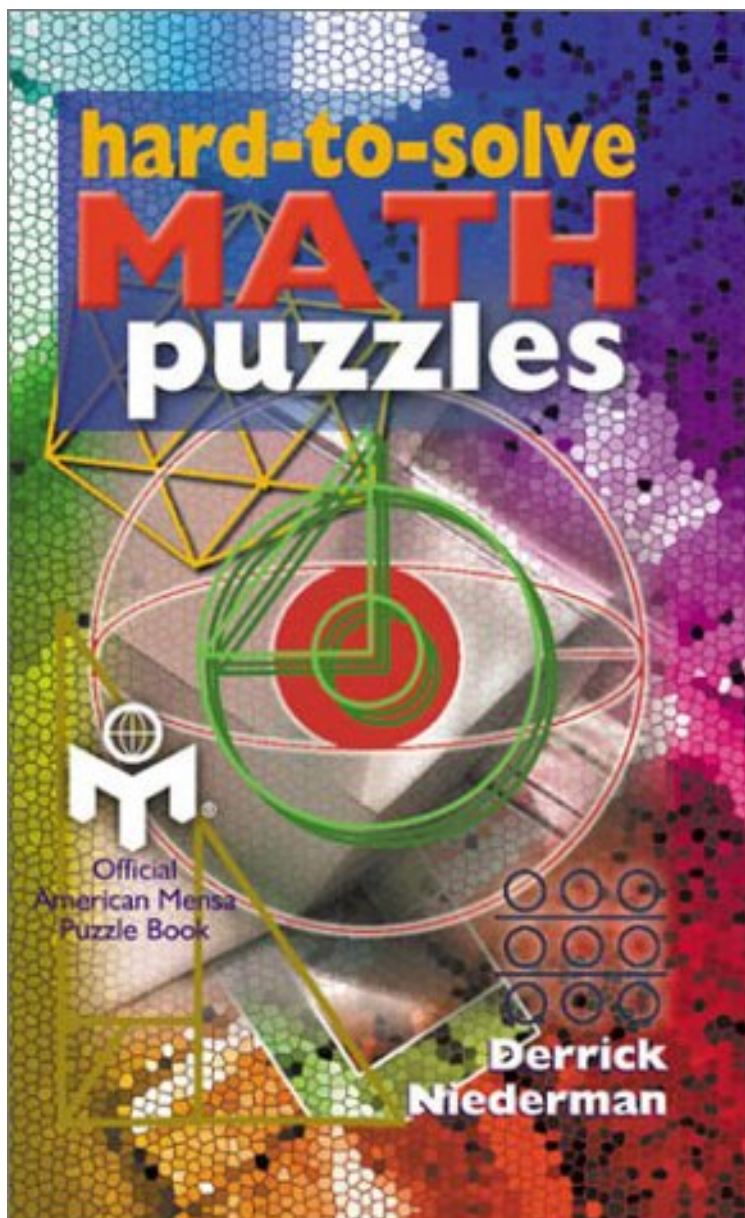


(Library ebook) Hard-to-Solve Math Puzzles

Hard-to-Solve Math Puzzles

Derrick Niederman

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Derrick Niederman : Hard-to-Solve Math Puzzles before purchasing it in order to gage whether or not it would be worth my time, and all praised Hard-to-Solve Math Puzzles:

1 of 1 people found the following review helpful. Amazing, practical, and fun.... a great book of Math Magic!By ledeepI purchased this book when planning for an after school "Math Magic" class that I was directing for grades 2 -5.

It was, by far, my best resource. The activities are easy to follow, intriguing for all ages, and excellent "lead ins" for related math topics. I look forward to using this book again with another group of "math magicians." 1 of 1 people found the following review helpful. Perfect for the right kind of kid
By M. Heiss
All these amazing math tricks -- your child will feel like a wizard when he or she learns how to do a few of these. #1, they always work. #2, they make you feel extremely smart. #3, they REALLY impress grandma and grandpa. Some kids aren't going to get into these, and other kids are. Give it a try!
6 of 7 people found the following review helpful. Fabulous Puzzle Book (I hope this isn't out-of-print)
By A Customer
As an avid collector of puzzle books, I can honestly say that *Hard-to-Solve Math Puzzles* by Derrick Niederman is one of the best puzzle/Mensa-type books I have come across. What is unique about this book is that this book concentrates on clever mathematical puzzles requiring only a high school-level of math knowledge. Most other puzzle books on the market: mix math questions with other types of puzzles (like word puzzles), require knowledge of math that is way too advanced for most run-of-the-mill puzzle fans (e.g, math olympiad type books or books requiring university-level math), or avoids math altogether. Niederman's book is focused in on math puzzles that are challenging but doable for most puzzle fans. Another thing that I liked about this book is that the problems are truly challenging (but do not require advanced math knowledge). Niederman's problems usually require more insights and sophistication than comparable problems by other respected puzzle makers. Finally, this book is endorsed by Mensa, a plus for people who want a seal of approval.

Put your mathematical thinking cap on--because even though these puzzles are toughies, they take insight and brainwork to solve, not a knowledge of calculus or linear algebra or any other kind of advanced math. Consider for a moment: * How can you divide a regular pentagon into five identical pentagonal shapes? * What is the only decade in American history to contain four prime-numbered years? * What three right triangles with integer sides have areas numerically equal to twice their perimeters? Don't worry if the answers don't spring to mind immediately; you'll have plenty of company. Compute without calculators; study the "survival of the splittest" by arithmetically analyzing a little amoeba reproduction; and investigate whether or not a rich man's children are getting a "square deal" with their inheritance. Just don't give up, because you'll have a lot of satisfaction when you figure them out.

About the Author
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