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Presh Talwalkar

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MATH PUZZLES VOLUME 1

CLASSIC RIDDLES AND BRAIN
TEASERS IN COUNTING, GEOMETRY,
PROBABILITY, AND GAME THEORY



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Presh Talwalkar : Math Puzzles Volume 1: Classic Riddles and Brain Teasers In Counting, Geometry, Probability, And Game Theory before purchasing it in order to gage whether or not it would be worth my time, and all praised Math Puzzles Volume 1: Classic Riddles and Brain Teasers In Counting, Geometry, Probability, And Game Theory:

1 of 1 people found the following review helpful. This Type of Mental Problem Solving Any other puzzleBy FunI really don't care for Sudoku's. I believe Sudoku's are s a good and healthy thing to do for one's self (if they need a bit of problem solving engineering in their lives), see the fun and benefit, but really sitting down and being mentally active by problem solving in a sedentary position for so long makes me not too excited.Video games are pretty fun as one can be super active with them but can be a bit cumbersome when one is trying to talk to colleagues/friends about the games when these people really don't care. They might 'care' but really some people just don't like video games (or the ones that I play), and they just politely nod.This book has neither of these two issues. It is fun, active, easy to bring up some 'problems' when you are in the break room with your coworkers, talking with students in your classes, or just taking 5-10 mins to solve a problem with your loved ones. Heck if I had kids or tiny second cousins/nieces/nephews around I'd throw these questions at them. It's fun. I feel like this is a book to making the beginning of a morning math class in a high school/ middle school/ possibly even elementary math class fun and awake.1 of 1 people found the following review helpful. Endless source of joyBy CustomerThis little book is a treasure of old and new problems, presented in a way that allows me to peruse it on the Tube, and spend some time at home squeezing my brain cells and working out the math rigorously.My favourite is the game theory section, although I will get back to the probability part which I found harder than the rest, but then probability has never been my cuppa.0 of 0 people found the following review helpful. A Lot of FunBy CustomerOn a recent family vacation to China, I worked through these puzzles with my wife, parents and in-laws. The level of difficulty was just right. The problems were challenging and it was a lot of fun trying to see who could get the right answer first. To get a sense of what the puzzles are like you should check out Presh's blog at Mind Your Decisions. But really for \$5 this should be an impulse buy that will make your next spell of downtime infinitely more entertaining.

You want to cut a tortilla into 8 pieces. What's the minimum number of cuts you need to make? Is it statistically harder to guess an iPhone password that uses 3-digits or one that uses 4 unique digits? Two friends agree to meet up in a bar between midnight and 1 am. Each arrives at a random time and will wait 10 minutes for the other to show before leaving. What is the probability the two will meet at the bar? What if they are playing strategically? The YouTube channel and blog Mind Your Decisions has millions of views for math videos and posts. This book is a compilation of 70 of the best puzzles, divided into 25 classic puzzles in counting and geometry, 25 probability puzzles, and 20 game theory puzzles.

About the AuthorPresh Talwalkar runs the YouTube channel and blog Mind Your Decisions, which features videos and articles in math and game theory that have been viewed millions of times. He studied Economics and Mathematics at Stanford University.