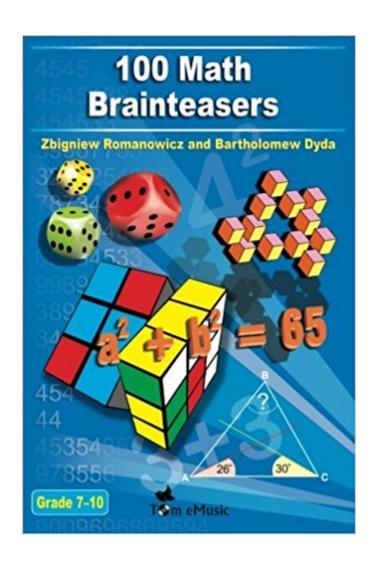


## The book was found

100 Math Brainteasers (Grade 7, 8, 9, 10). Arithmetic, Algebra And Geometry Brain Teasers, Puzzles, Games And Problems With Solutions: Math Olympiad Contest Problems For Elementary And Middle Schools





# **Synopsis**

100 Math Brainteasers (Grade 7-10) is a subtle selection of one hundred arithmetic, algebra, and geometry assignments, which efficiently train the mind in math skills. It will be helpful for students attending High School and also in preparation for Mathematical competitions or Olympiads at a younger age. The assignments can equally be used in the classroom or in extracurricular activities. The fun and games are delightful, original, and solving them is even more enjoyable thanks to the funny illustrations. Most of the math problems do not require any exceptional mathematical proficiency, but above all, they challenge one's creativity and ability to think logically. Only a few solicit the knowledge of algebraic expressions and rules of geometry. Authors: Zbigniew Romanowicz, Ph.D., was an outstanding teacher and a well-known proponent of mathematics among young people. He belonged to the great Russian-Polish school of mathematics. He served as Director of the Institute of Mathematics at the Wroclaw University of Technology in Poland. In the years 1992-2004, he chaired the jury of the Polish Mathematics and Logic Games championship, which is within the works of the Paris-based 'Comite International des Jeux Mathematiques'. He ran the popularly acclaimed interscholastic math clubs. For 10 years, he was chairman of the Committee of Regional Mathematical Olympiads. He was an avid promoter of mathematics and an activist of the Polish Mathematical Society. Bartholomew Dyda, Eng. D., a graduate of the Faculty of Fundamental Problems of Technology at the Wroclaw University of Technology in Poland, is working at the Institute of Mathematics and Computer Science at the Wroclaw University of Technology. Since 1992 he competes in the Mathematical and Logic Games championships, achieving considerable success. He is a two-time recipient of the bronze medal at the International Championship of Mathematical and Logical Games in Paris, France.

## **Book Information**

Paperback: 94 pages

Publisher: Tom eMusic (October 31, 2012)

Language: English

ISBN-10: 1623210291

ISBN-13: 978-1623210298

Product Dimensions: 6 x 0.2 x 9 inches

Shipping Weight: 6.9 ounces (View shipping rates and policies)

Average Customer Review: 4.2 out of 5 stars 25 customer reviews

Best Sellers Rank: #42,230 in Books (See Top 100 in Books) #18 in Books > Teens > Hobbies &

Games > Games & Activities #42 in Books > Humor & Entertainment > Puzzles & Games > Logic & Brain Teasers #67 in Books > Teens > Education & Reference > Mathematics

Age Range: 12 - 15 years

Grade Level: 7 - 10

#### **Customer Reviews**

Zbigniew Romanowicz, Ph.D., was an outstanding teacher and a well-known proponent of mathematics among young people. He belonged to the great Russian-Polish school of mathematics. He served as Director of the Institute of Mathematics at the Wroclaw University of Technology in Poland. In the years 1992-2004, he chaired the jury of the Polish Mathematics and Logic Games championship, which is within the works of the Paris-based 'Comite International des Jeux Mathematiques'. He ran the popularly acclaimed interscholastic math clubs. For 10 years, he was chairman of the Committee of Regional Mathematical Olympiads. He was an avid promoter of mathematics and an activist of the Polish Mathematical Society. Bartholomew Dyda, Eng. D., a graduate of the Faculty of Fundamental Problems of Technology at the Wroclaw University of Technology in Poland, is working at the Institute of Mathematics and Computer Science at the Wroclaw University of Technology. Since 1992 he competes in the Mathematical and Logic Games championships, achieving considerable success. He is a two-time recipient of the bronze medal at the International Championship of Mathematical and Logical Games in Paris, France.

Fascinating set of problems that will force most people to think hard. There are a couple of typos here and there -- not a big deal. A couple of problems where the solution uses constrained that I do not see stated in the problem. But overall, a great set of problems to make anybody think. My daughter is finishing 7th grade, and she had algebra this year at school. She is needing quite a bit of help making her way through the problems. I feel that many of the problems are beyond the capability of most 7th graders. So perhaps the levels are not quite calibrated. Other than that, its a fantastic collection of problem that are fun for the family to solve together!

This is an enjoyable collection of puzzles, marred by low publishing standards. On the positive side, it's a varied mix of original problems, divided into five sections such as equations, geometry, and integers. Some take just a flash of insight, others require sharpening your pencil. Anyone with a casual interest in math will probably enjoy them; if you have a college degree in math, this book probably won't be enough of a challenge. But: Navigation on Kindle is terrible. Answers are not text,

but an image of the text. To find an answer you must go to the contents, then to the answers, then page through; you can't search. Furthermore, this text is too small to read easily; if you enlarge it, it just gets blurry. I found it best to answer a half-dozen questions, then make my way to the solutions section. The book apparently was translated from Polish. Phrasing (especially in the solutions) is sometimes convoluted, and occasionally ambiguous.

This book provided some really good exercises. We used in to add enrichment and additional practice for students during our summer program. Students liked the tasks.

this was a book that has served my 8th grade student that needed a book that not only supplied what he hadn't had the year before but gave additional work on a higher level

This didn't seem like real math for my students so they really enjoyed stretching their brains in a "mathematical" way without realizing it!

It challenges my students mind and they enjoy figuring out the next days problem. Buy it and challenge your students minds

Great supplemental for my 8th grade classroom

Have not used this yet, but from what I have seen I will be using this nearly constantly soon. The brainteasers look challenging enough for my pre-algebra kids, but not so hard they won't try them.

#### Download to continue reading...

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