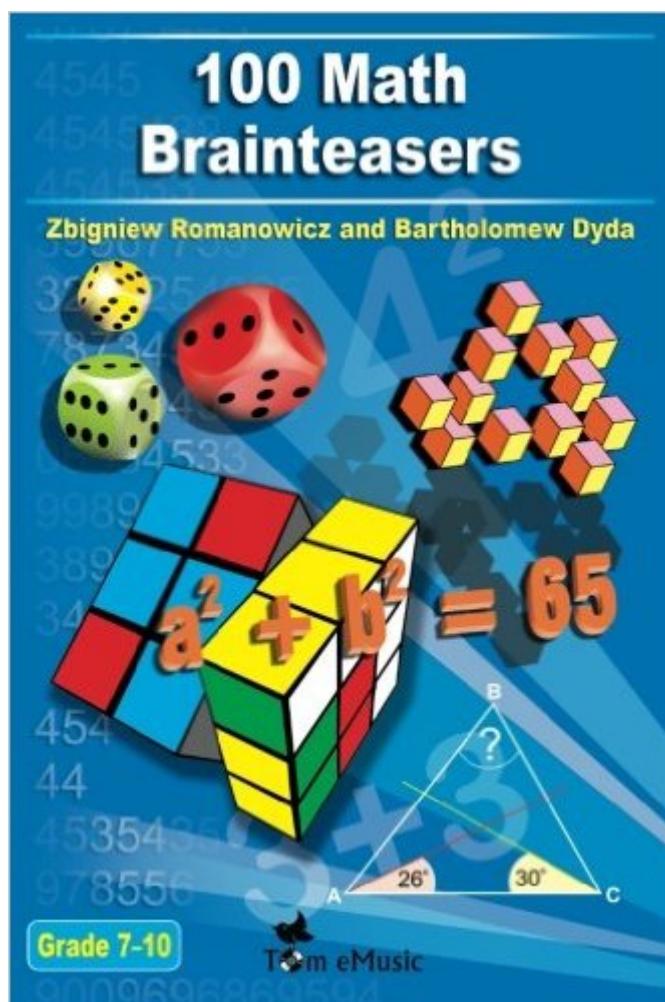


The book was found

# 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

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Age Range: 12 - 15 years

Grade Level: 7 - 10

## Customer Reviews

I would say a majority of the problems are for high school level students who have more experience problem solving. Only my most advanced 7th grade students could figure out the easier problems and then my most advanced 8th graders could figure out just past the easier problems. Cute graphics and short problems but definitely difficult for average middle schoolers.

Well thought out teasers. None of them very easy. Designed to expand thought processes. I think a bit difficult for 7th and 8th graders. I will use it on a regular basis to challenge my grandkids.

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

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.

Somewhat, 100 Math Brainteasers is unsuitable for most students from grade 7 to 10 (or any grade for that matter). The reason is that the problems are too damn hard for them. They have to be really

good in math in order to do well in them. Of course, the solutions in the back of the book are instructional, but frustration can kill their spirit after trying several problems, causing them to give up. The students need to feel that they can do it, and I don't see 100 Math Brainteasers being this kind of a book. For the record, I was only able to correctly solve 75% of the problems. On other hand, it's a pretty good book for those who are mathematically talented and are capable problem solvers. The problems presented provide a good training for math contests and whatever else. There is a lot of value in working through them. I am giving the book a point off for how the solutions were presented. For some problems, I was able to find a simple solution, but the authors made their own in a very convoluted way (this would occur many times). For a couple of problems, I was not able to understand how the authors arrived at the solutions and still haven't. All in all, 100 Math Brainteasers is a good practice for those who are mathematically inclined, but it's certainly not for most students in grade 7 to 10. Check out my YouTube videos of similar problems to the book by googling "Mr. Math Expert Math Olympiad Contest Problems for Elementary and Middle Schools," "Mr. Math Expert Selected Math Puzzles," and "Mr. Math Expert Math League" for more practice.

Good math book. Math problems disguised as Riddles, but still very good overall. I enjoyed some of the simpler ones. My brain has to be in the mood for the more complex ones and I was kind of tired when I first read this book. Makes think, for sure. Kids in school who have an aptitude for math will definitely enjoy this.

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

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