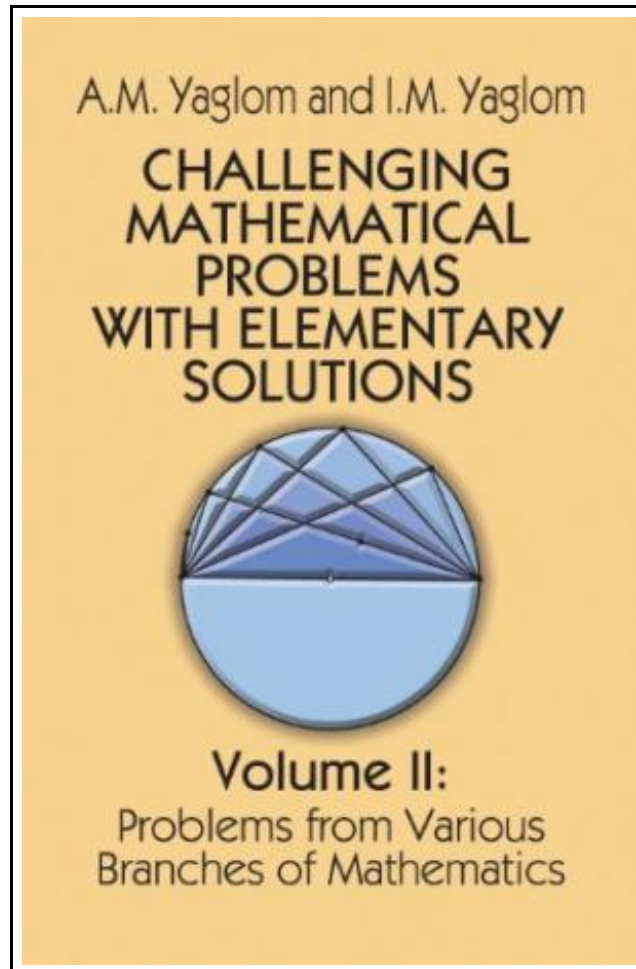


## Challenging Mathematical Problems with Elementary Solutions: Volume 2 (Paperback)



Filesize: 3.85 MB

### ***Reviews***

*Unquestionably, this is the finest work by any publisher. I really could comprehend every little thing using this published e book. You will not sense monotony at anytime of your respective time (that's what catalogs are for regarding should you question me).*

*(Joe Kessler)*

## CHALLENGING MATHEMATICAL PROBLEMS WITH ELEMENTARY SOLUTIONS: VOLUME 2 (PAPERBACK)



Dover Publications Inc., United States, 2003. Paperback. Book Condition: New. 214 x 136 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Designed for advanced high school students, undergraduates, graduate students, mathematics teachers, and any lover of mathematical challenges, this two-volume set offers a broad spectrum of challenging problems ranging from relatively simple to extremely difficult. Indeed, some rank among the finest achievements of outstanding mathematicians. Translated from a well-known Russian work entitled *Non-Elementary Problems in an Elementary Exposition*, the chief aim of the book is to acquaint the readers with a variety of new mathematical facts, ideas, and methods. And while the majority of the problems represent questions in higher ( non-elementary ) mathematics, most can be solved with elementary mathematics. In fact, for the most part, no knowledge of mathematics beyond a good high school course is required. Volume One contains 100 problems, with detailed solutions, all dealing with probability theory and combinatorial analysis. Topics include the representation of integers as sums and products, combinatorial problems on the chessboard, geometric problems on combinatorial analysis, problems on the binomial coefficients, problems on computing probabilities, experiments with infinitely many possible outcomes, and experiments with a continuum of possible outcomes. Volume Two contains 74 problems from various branches of mathematics, dealing with such topics as points and lines, lattices of points in the plane, topology, convex polygons, distribution of objects, nondecimal counting, theory of primes, and more. In both volumes the statements of the problems are given first, followed by a section giving complete solutions. Answers and hints are given at the end of the book. Ideal as a text, for self-study, or as a working resource for a mathematics club, this wide-ranging compilation offers 174 carefully chosen problems that will test the mathematical acuity and problem-solving skills of...



[Read Challenging Mathematical Problems with Elementary Solutions: Volume 2 \(Paperback\) Online](#)



[Download PDF Challenging Mathematical Problems with Elementary Solutions: Volume 2 \(Paperback\)](#)

## Relevant Books

---



### **A Parent s Guide to STEM (Paperback)**

U.S. News World Report, United States, 2015. Paperback. Book Condition: New. 214 x 149 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.This lively, colorful guidebook provides everything you need to know...

[Save Document »](#)

---



### **Readers Clubhouse Set a Dan the Ant (Paperback)**

Barron s Educational Series, United States, 2006. Paperback. Book Condition: New. Karen Stormer Brooks (illustrator). 214 x 149 mm. Language: English . Brand New Book. This is volume one, Reading Level 1, in a comprehensive...

[Save Document »](#)

---



### **The Frog Tells Her Side of the Story: Hey God, I m Having an Awful Vacation in Egypt Thanks to Moses! (Hardback)**

Broadman Holman Publishers, United States, 2013. Hardback. Book Condition: New. Cory Jones (illustrator). 231 x 178 mm. Language: English . Brand New Book. Oh sure, we ll all heard the story of Moses and the...

[Save Document »](#)

---



### **Ellie the Elephant: Short Stories, Games, Jokes, and More! (Paperback)**

Createspace, United States, 2015. Paperback. Book Condition: New. 214 x 149 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Are you looking for a kid s or children s book that is...

[Save Document »](#)

---



### **Happy Monsters: Stories, Jokes, Games, and More! (Paperback)**

Createspace, United States, 2015. Paperback. Book Condition: New. 214 x 149 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Are you looking for a kid s or children s book that is...

[Save Document »](#)