

PUBLICATIONS DESCRIPTIONS

Section A – AMC 8 Publications

- BULK AJHSME/AMC 8 Specimen Sets** \$5.00 each
Each Set contains 10 exams and 10 solutions of the same year. These are available for the years 1985, 86, 87, 88, 89, 1990, 91, 92, 93, 94, 95, 96, 97, 98, 99, 2000.
- Individual AJHSME/AMC 8 Specimen Sets** \$1.00 each
Each Set contains an exam booklet and a solutions pamphlet. These are available for the years 1985, 86, 87, 88, 89, 1990, 91, 92, 93, 94, 95, 96, 97, 98, 99, 2000.
- AMC 8 Summary of Results** \$5.00 each
Contains a listing of School and Student Award recipients, etc., and Statistical Tables. These are available for the years 1995, 96, 97, 98, 99, 2000.

Section B – AMC High School Offerings

- BULK AHSME/AMC 12 Specimen Sets** \$5.00 each
Each Set contains 10 exams and 10 solutions of the same year. These are available for the years 1995, 96, 97, 98, 99, 2000, 01.
- BULK AMC 10 Specimen Sets.** \$5.00 each
These are available for the years 2000, 01.
- Individual AHSME/AMC 12 Specimen Set** \$1.00 each
Each Set contains an exam booklet and a solutions pamphlet. These are available for the years 1995, 96, 97, 98, 99, 2000, 01.
- Individual AMC 10 Specimen Sets.** \$1.00 each
These are available for the years 2000, 01.
- Individual Specimen Sets of the AIME** \$2.00 each
Each set contains a question booklet & a solutions pamphlet. These are available for the years 1989, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 2000, 01.
- Individual Specimen Sets – Alternate AIME** \$2.00 each
These are available for the years 2000, 01.
- OLYMPIAD Pamphlets**
Each contains problems and solutions to the annual USA and IMO Olympiads. These are available for the years 1989, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99.
1989-1999 \$5.00 each
(Years 2000 and on became MAA Publications, see 75.)
- AMC 10/12 Summary of Results** \$10.00 each
Contains a listing of School and Student Award recipients, etc., and Statistical Tables. These are available for the years 1995, 96, 97, 98, 99, 2000, 01.

Section C – Exam Books

- 25. **AMC/MAA PROBLEM BOOKS**
Contest Problem Books I-IV contain AHSME questions and solutions for the years indicated. Problem Book V Contains both AHSME and AIME questions and solutions 1983-1988. Problem Book VI Contains 1989-1994 AHSME questions.
- Problem Book I – 1950-1960** \$10.00 each
CwS by Charles T. Salkind*
- Problem Book II – 1961-1965** \$10.00 each
CwS by Charles T. Salkind*

- Problem Book III – 1966-1972** \$13.00 each
CwS by Charles T. Salkind & James M. Earl*
- Problem Book IV – 1973-1982** \$13.00 each
CwS by Ralph A. Artino, Anthony M. Gaglione & Niel Shell*
- Problem Book V – 1983-1988** \$30.00 each
CwS by George Berzsenyi and Stephen B. Maurer*
- Problem Book VI – 1989-1994** \$24.00 each
C&S by Leo J. Schneider*
- USA Math Olympiad 1972-1986** \$18.00 each
CwS by Murray S. Klamkin*
Contains USA Mathematical Olympiad questions and solutions for the years indicated.
- 36. **International Mathematical Olympiads**
Contain International Mathematical Olympiad questions and solutions for the years indicated.
- IMO – 1959-1977** \$20.00 each
CwS by Samuel L. Greitzer*
- IMO-1978-1985 & 40 Supplementary Problems** \$20.00 each
CwS by Murray S. Klamkin*
- 45. **ARBELOS** \$8.00 each
by Samuel L. Greitzer
Contains articles and challenging problems for gifted students. A special Geometry Volume is also available. These are available in Volumes 1, 2, 3, 4, 5 and the Geometry Volume .
- Volume 1**
- Volume 2**
- Volume 3**
- Volume 4**
- Volume 5**
- Geometry Volume**
- 52. **Mathematical Contests**
Contains Olympiad problems and solutions from around the world.
- Math Contests 1995-1996** \$15.00 each
CwS by Titu Andreescu, Kiran Kedlaya, & Paul Zeitz*
- Math Contests 1996-1997** \$15.00 each
CwS by Titu Andreescu & Kiran Kedlaya*
- Math Contests 1997-1998** \$15.00 each
CwS by Titu Andreescu & Kiran Kedlaya*
(years 1998-1999 and on became MAA Publications, see 70. - 71.)

Section D – MAA Books

- Which Way Did the Bicycle Go? and Other Intriguing Mathematical Mysteries** \$30.00 each
by Joseph D.E. Konhauser, Dan Velleman & Stan Wagon
Complete solutions to the 191 problems are included along with problem variations and topics for investigations.
- Problems for Mathematicians, Young and Old** \$36.00 each
by Paul R. Halmos
Much can be expected of this book, considering the stature of its author. Fortunately, the book delivers, in that the problems and commentary are fascinating. ---Choice

* *CwS* – Compiled with Solutions

PUBLICATIONS DESCRIPTIONS

CONTINUED

Section D – MAA Books continued

62. **Combinatorics A Problem Oriented Approach** \$28.00 each
By Daniel A. Marcus
This book teaches the art of enumeration, or counting, by leading the reader through a series of carefully chosen problems that are arranged strategically to introduce concepts in a logical order and in a provocative way.
63. **Five Hundred Mathematical Challenges** \$38.00 each
by Edward J. Barbeau, Murray S. Klamkin, & William O. J. Moser
The book is an excellent source of problems for high school or college teachers who wish to challenge mathematically oriented students. The problems cover a wide range of topics, including geometry, probability and combinatorics...I recommend this book highly for mathematics teachers as a source of nontrivial precalculus problems. ---AAAS, Science Books and Films
64. **From Erdos to Kiev – Problems of Olympiad Caliber** \$34.00 each
by Ross Honsberger
The problems included in this collection are taken from geometry, number theory, probability, and combinatorics, Solutions are included.
65. **The Wohascum County Problem Book** \$24.00 each
by George T. Gilbert, Mark I. Krusemeyer & Loren C. Larson
If you like problem solving, this book belongs on your shelf. Most of the problems require nothing beyond calculus and many should be accessible to high school students.
66. **Power Play** \$32.00 each
by Edward J. Barbeau
Books that bring out the element of play in mathematics are lamentably rare, so Edward J. Barbeau's Power Play is valuable. All you need is some basic algebra.
67. **Old and New Unsolved Problems in Plane Geometry & Number Theory** \$36.00 each
by Victor Klee & Stan Wagon
Klee and Wagon discuss some of the unsolved problems in number theory and geometry, many of which can be understood by readers with a very modest mathematical background.
68. **From Zero to Infinity** \$25.00 each
by Constance Reid
The book combines the mathematics and the history of number theory with descriptions of the mystique that has, on occasion, surrounded numbers even among great mathematicians.
69. **Geometry Revisited** \$20.00 each
by H. S. M. Coxeter & S. L. Greitzer
The book is rich in remarkable facts and thereby is very effective in promoting the significance and the value of geometry in mathematical teaching, a promotion which is very necessary. ---Mathematical Reviews
70. - 71. **Mathematical Olympiads** \$25.00 each
Contains beautiful Olympiad problems and solutions from around the world.
70. **Mathematical Olympiads 1998-1999** \$25.00 each
Edited by Titu Andreescu & Zuming Feng
71. **Mathematical Olympiads 1999-2000** \$25.00 each
Edited by Titu Andreescu & Zuming Feng
75. **Mathematical Olympiads** \$14.00 each
Edited by Titu Andreescu & Zuming Feng
Contains problems and solutions to the 2000 USAMO, Selection Test and the IMO.

Section E – Other Publications

80. **Mathematics as Problem Solving** \$18.00 each
by Alexander Soifer
Professor Soifer has put together a splendid collection of elementary problems. -- Martin Gardner I particularly liked the problems on combinatorics and geometry. -- Paul Erdős
81. **How Does One Cut a Triangle?** \$24.00 each
by Alexander Soifer
The book is primarily meant for clever high school and college students interested in geometry, but even mature mathematicians will find a lot of new material in it. -- Paul Erdős
82. **Geometric Etudes in Combinatorial Mathematics** \$28.00 each
by V. Boltyanski & Alexander Soifer
The reader is surprised and delighted by exquisite gems of geometry and combinatorics. A leisurely and captivating presentation leads the reader into a world of tilings, graphs and convex figures. It is a world that will be long remembered for its striking problems and results. -- C. Rousseau
83. **Colorado Mathematical Olympiad: The First Ten Years & further Explorations** \$25.00 each
by Alexander Soifer
The book is a gold mine of brilliant reasoning with special emphasis on the power and beauty of coloring proofs. Strongly recommended to both serious and recreational mathematicians on all levels of expertise. -- Martin Gardner
84. **Mathematical Olympiad Challenges** \$30.00 each
by Titu Andreescu & Razvan Gelca
The book weaves together Olympiad problems with a common theme, so that insights become techniques, tricks become methods, and methods build to mastery . . . much is demanded of the reader by way of effort and patience, but the investment is greatly repaid.-- Mark Saul

Section F – Other Items

90. **New MAA AMC T-Shirt (XL only)** \$ 12 each
Road to the IMO design, Royal blue with yellow and green.
91. **New MAA AMC Hats** \$ 10 each
Six panel brushed canvas, in khaki with a charcoal bill, low profile, adjustable cloth strap, one size fits all.