



AMERICAN MATHEMATICS COMPETITIONS



A program of the Mathematical Association of America

I. INVITATION AND PARTICIPATION --- A CORDIAL INVITATION is extended to your school to participate in the Sixteenth annual AMC 8 to be held on Tuesday, November 14, 2000. Over 248,000 students (in grades 8 and below) from 3,336 schools participated in 1999.



The National Association of Secondary School Principals (NASSP) has placed the AMC 8 on the NASSP National Advisory List of Contests and Activities for 2000-01.

II. Purpose --- The purpose of the contest is to increase interest in mathematics and to develop problem solving ability through a friendly competition. The questions range in difficulty from easy to very difficult in order to appeal to a broad range of students.

III. Exam Subject Matter & Format --- The **AMC 8** covers material normally associated with the middle school mathematics curriculum. Each year an increasing number of accelerated fifth and sixth grade students take part in the AMC 8. The subject matter includes (but is not limited to) such topics as:

- ◆ Estimation
- ◆ Percent
- ◆ Graph Theory
- ◆ Reading and interpreting graphs
- ◆ Spatial Visualization
- ◆ Everyday Applications

No problem requires the use of algebra. Even though calculators are allowed, no problem requires the use of a calculator. The **AMC 8** is a 25-question, 40-minute multiple choice contest with no penalty for guessing. A student's score is the number of problems solved correctly.

IV. Registration Deadlines & Fees --- Registration may be accomplished by mailing the **REGISTRATION FORM** found in this brochure. Fees for each school wishing to register are as follows:

* Early Registration (Jan. 1 - Sep. 30)	\$25
* Registration (Oct. 1 - Oct. 15)	\$35
* Late Registration (Oct. 16 and later)	\$45

Exams (including student answer forms) are sold in Bundles of 10 @ \$10 per bundle. The minimum charge to participate in the **AMC 8** is \$40 (including the early registration fee) and would enable 10 students to participate.

Late Registrations (after Oct. 15), will be accepted via FAX **402-472-6087** or phone **1-800-527-3690** (please do not fax or phone your order before this date). Visa, Mastercard, and American Express are accepted. Unpaid orders will be accepted only with a Purchase Order #, and a \$5 invoicing fee will be added.

V. Participation Rules & Eligibility --- The **AMC 8** is to be given in each participating school on **TUESDAY, NOVEMBER 14, 2000** in a convenient 40-minute period. If it is not possible to administer the exam at the same time to all students, the exam may be given several times throughout the day during a regular mathematics class period. This exam is for individual recognition; schools are not ranked. **All exams will be scored in Lincoln, Nebraska.** ALL PARTICIPANTS MUST BE IN GRADE 8 OR BELOW.

VI. Alternate AMC 8 Dates --- **EARLY ADMINISTRATION OF THE EXAM IS NEVER PERMITTED** and will lead to disqualification since this would jeopardize all scores from other participating schools!