

## 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. For general information on the American Mathematics Competitions please visit us at <[www.unl.edu/amc](http://www.unl.edu/amc)>. For information specific to the AMC 8 visit <[www.amc8.org](http://www.amc8.org)>.

## 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 - Oct. 10)      \$25
- \* Registration (Oct. 11 - Nov. 1)            \$35
- \* **Late Registration** (Nov. 2 - Nov. 5)      \$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 & shipping charge) and would enable 10 students to participate.

**Late Registrations** (after November 1), will be accepted via FAX **402-472-6087** (please do not fax your order before this date). Visa, Mastercard, and American Express are accepted. Unpaid orders will be accepted only with a Purchase Order number, 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 13, 2001** 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!

**Administration on a later "window" date (Nov. 14-20) is permitted** in cases of school academic conflicts or school closing. When a "window" date is used, schools are still granted "official" status with regard to all intramural and national award recognition.

## VII. Security & Integrity of the Exam -

Since the exam can be taken on alternate dates, in order to protect its integrity, publication or reproduction of the problems/solutions via copier, telephone, e-mail, www or media of any type is strictly prohibited.