



# The MATHEMATICAL ASSOCIATION OF AMERICA

## American Mathematics Competitions

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*Director*

### To All AIME Managers:

Please read this manual thoroughly so that there will be no misunderstanding regarding the AIME rules and regulations.

Please note our established policy for the official administration of the AIME. The AIME I can only be given officially on March 8<sup>th</sup>, and the AIME II can only be given officially on March 22, 2005. The exam should be scheduled from 9AM to 12 noon if possible.

All students who are in the top 5% of all American Mathematics Contest 12 (AMC 12) participants or score at least 100 points on the AMC 12 and those with a score in the top 1% of the American Mathematics Contest 10 (AMC 10) participants or score at least 120 points, are invited to take the AIME. The AIME is the second in the sequence of mathematics contests which leads to participation in the USA Mathematical Olympiad and the designation of Winners of the USAMO. The AIME is a 15-question, 3-hour examination. All answers are integers ranging from 000 to 999, inclusive. The score is the number of correct answers. There is neither partial credit nor a penalty for wrong answers.

I call your attention to several items found in this manual which answer inquiries I frequently receive from AIME Managers:

1. All administrations of the AIME **must** take place on the scheduled dates.  
There will be a processing fee for the second AIME as follows: 1-10 students = \$25, 11+ students = \$50. We will need your payment before the answer forms can be graded. A special envelope and payment form will be included with your AIME material, if you have AIME qualifiers. All AIME answer forms must be returned by "express mail" so that they arrive in the AMC office by March 25, 2005.
2. Email requests for the second AIME may be sent to: **AIMEQUAL@AMC.UNL.EDU**  
Or, you can call the AMC office at 1-800/527-3690. Please have your school identification number (CEEB) and charge card information available before calling. E-Mail requests should include the school's CEEB#, and complete mailing address.
3. Under no circumstances can a student take both AIME's.
4. In section VI you will find a discussion of how and when you will receive results.
5. On the reverse side of this Manual you will find a section relating to the USAMO. In this section you will find all the information and forms relevant to the taking of the USAMO. If you have had students qualify for the USAMO in the past, or you are anticipating this to be so this year, please look over this new material. REGARDLESS, do not throw this Manual away until you have received the results of this year's AIME. You may need the USAMO forms.
6. The second AIME on March 22, 2005 is a new set of 15 questions, completely different from, but comparable in difficulty, to the AIME on March 8, 2005.
7. Selection of USAMO participants will depend on the AMC 10/12 score, AIME score, and the grade level of the student.

We feel that the 2005 AIME will be interesting and challenging to your student(s). On behalf of the Committee on the American Mathematics Competitions, I send my appreciation to you for assisting with the implementation of this examination.

Very sincerely,

Steven Dunbar, *Director*