



AMC's Math Messenger

The official newsletter of the American Mathematics Competitions for Colleges and Universities

Attention Colleges and Universities: you can administer the Mathematical Association of America's AMC 10/12 Contest to area high school students who could be looking to attend your institution after graduation!

Offering to administer this contest at your location, allows more students, teachers, and schools to participate in the MAA High School contests. You will attract bright, motivated and highly qualified students to your department and major! This will create outreach and publicity for your department with minimal time and effort.

The date of the contest is **Wednesday, February 24, 2010** and it is easily given at your College or University, but only if you register!

Read on to discover more about the MAA's American Mathematics Competitions 10/12 contests!

For more information about the American Mathematics Competitions:

Call **1-800-527-3690** · Click **www.unl.edu/amc** · Email **amcinfo@maa.org**

The Mathematical Association of America's American Mathematics Competitions invites your college or university to take part in the AMC contests planned for the 2009-2010 school year.

To provide an ideal recruiting opportunity for you, create an outreach activity with minimal effort and to offer more opportunities for students and schools to participate in the AMC 10 and AMC 12 contests, we encourage Colleges and Universities to offer the AMC 10/12 contest on their campuses for students in their region. The AMC 10/AMC 12 2010 brochure gives you a general background on these contests.

The B Contest, held Wednesday, February 24, 2010, can be administered in the math department of your institution. This provides an ideal opportunity for college-bound students to visit your campus. Mathematical talks, informational sessions and tours for prospective students can round out their visit to your campus for the contest.

If your institution chooses to participate, once you have registered in the fall we will post the name of your campus on our web site, along with contact information for interested parties. In this way students/schools who plan to attend can make arrangements directly with you. You should also recruit schools and students for your contest administration.

1. Purpose

Both AMC 10 and AMC 12 are 25-question, 75-minute multiple-choice contests. The AMC 12 covers the high school mathematics curriculum, excluding calculus. The AMC 10 covers subject matter normally associated with grades 9 and 10. To challenge students at all grade levels, and with varying mathematical skills, the problems range from fairly easy to extremely difficult. Approximately 12 questions are common to both contests. Our purpose is to increase interest in mathematics and to develop problem solving through a friendly, fun competition.

2. Participation

The contests are given on your campus at the same time to all participating students in a convenient 75-minute interval, preferably in the morning, but an "after school" time slot is also acceptable. The contests should be proctored by faculty/staff members of the participating institution.

3. Results & Awards

Each participating institution receives a copy of the contest and solutions, a results report for the students participating at your institution, and the National Summary of Results and Awards booklet. We will provide awards for students. You may also give special awards from your department to the top students who take part.

AMC 12 students who rank in the top 5% nationally (or score at least 100) will qualify for the American Invitational Mathematics Exam (AIME). AMC 10 students who rank in the top 1% nationally (or score at least 120) will also qualify for the AIME. The USAMO (USA Mathematical Olympiad) and USAJMO (Junior Math Olympiad) qualifiers are picked from the top students on the AIME.

You may be requested to host one or more AIME qualifiers for the AIME contest on March 16, or March 31 and perhaps even host a USAMO qualifier on April 27-28, 2010. These highly capable students will be top prospects for your institution.

4. Registration

If you would like to participate, please read the College Registration Packet. This will give you the details on the registration and administration of this program. You can then sign-up to be an institutional regional site by mailing the Registration Form included in the packet or on the web at www.unl.edu/amc.

Regional sites should keep a list or data base of all students who have enrolled for the contest at their particular institution. This information will include schools for each student, and school contact information, for score distribution to students and for use if the student qualifies for the AIME.

Spanish and French editions of the 2010 AMC 10 and AMC 12 may be requested. Braille and large print editions are also available. All requests for these special versions must be made no later than three weeks before the contest.

5. Costs

Registration cost for regional sites will be \$50, and will include contest preparation, scoring and expedited shipping. We allow you to enroll students up until two weeks before the contest, to allow us time to ship you the contests. Costs for the individual contests and solutions are \$22 for one bundle of AMC 10 contests, or one bundle of AMC 12 contests.

The hosting institution can charge a minimal fee per student for each participant taking the contest or the costs can be absorbed by the host institution, or a combination of the above.

Schools using a credit card or purchase order may register by mailing the Registration Form included with the Registration packet, or fax the form to us at 402-472-6087. We accept Visa and Mastercard. When paying by check please mail your registration form with payment well in advance of the deadline dates.

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2009 USAMO Results

The thirty-seventh United States of America Mathematical Olympiad (USAMO) was held April 28-29, 2009. The Highest Ranking Individuals and Honorable Mention lists are given below. (Names listed alphabetically)

HIGHEST RANKING INDIVIDUALS - *Score of 27 or above*

John Berman	John T. Hoggard HS	Wilmington	NC
Sergei Bernstein	Belmont HS	Belmont	MA
Wenyu Cao	Phillips Academy	Andover	MA
Robin Cheng	Pinetree Secondary School	Coquitlam	BC
Vlad Firoiu	Westford Academy	Westford	MA
Eric Larson	South Eugene HS	Eugene	OR
Delong Meng	Baton Rouge Magnet HS	Baton Rouge	LA
Qinxuan Pan	Thomas S. Wootton HS	Rockville	MD
Panupong Pasupat	Deerfield Academy	Deerfield	MA
Toan Phan	Taft School	Watertown	CT
David Rush	Phillips Exeter Academy	Exeter	NH
David Yang	Home School	Walnut	CA

HONORABLE MENTION - *score of 23-26*

Timothy Chu	Lynbrook HS	San Jose	CA
Brian Hamrick	Thomas Jefferson HS for Sci & Tech	Alexandria	VA
Travis Hance	Lakota West HS	West Chester	OH
Jason Hoch	Wilton HS	Wilton	CT
Tian-Yi Jiang	North Carolina School of Sci & Math	Durham	NC
Sam Keller	Redmond HS	Redmond	WA
Holden Lee	Eleanor Roosevelt HS	Greenbelt	MD
In-Sung Na	Governors School	Old Tappan	NJ
Ofir Nachum	Northern Valley Regional HS	Northboro	MA
Jarno Sun	Algonquin Regional HS	Calgary	AB
Matthew Superdock	Radnor HS	Radnor	PA
Tong Zhan	William Mason HS	Mason	OH
Mark Zhang	Clements HS	Sugar Land	TX

The top twelve students and their parents are invited to attend the Olympiad Awards Ceremony which is held annually in Washington, D.C. This year the ceremony was June 8, 2009.



2009 USAMO winners

From left: AMC Director Steve Dunbar, Eric Larson, Qinxuan Pan, Delong Meng, Sergei Bernstein, Toan Phan, John Berman, David Rush, Robin Cheng, David Yang, Vlad Firoiu, Wenyu Cao. Not pictured: Pasupat Panupong.