



ASBURY UNIVERSITY
MATH DEPARTMENT

American Mathematics Competition

Student Registration and Information



The Asbury University Math Department
invites students in **grades 8-12** to participate in the
Mathematics Association of America (MAA)
American Mathematics Competition (AMC).

The event will be held in the Kinlaw Library on
Thursday, February 7, 2019 from 9:45 am to 3:00 pm.

Cost is **\$5** per student.

Overview of AMC Tests:

The AMC 10 contest 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 the AMC 10 and AMC 12 contests. One way to explain what is on the AMC 10 contest is to say what it excludes (that is still fair to put on the AMC 12). Excluded are topics in trigonometry, advanced algebra, and formal geometry. Another way to explain what is on the AMC 10 is to say that it assumes elementary algebra; basic geometry knowledge including the Pythagorean Theorem, area and volume formulas; elementary number theory; and elementary probability. It is recommended that prior year copies of the AMC 10 contest and solutions be viewed to see precisely what the AMC 10 contest is like.

The AMC 12 covers the high school mathematics curriculum, excluding calculus. To challenge students at all grade levels, and with varying mathematical skills, the problems range from fairly easy to extremely difficult.

For additional information on AMC, visit <http://www.maa.org/math-competitions>.

Why Should I Take AMC?

- Exposure to interesting and challenging math problems
- Great experience to include on college and career resumes
- AMC is the starting point on the path towards United States of America Mathematics Olympiad (USAMO) and USA Junior Mathematical Olympiad (USAJMO)

Note: Due to the academic nature of this competition, participation is generally considered an excused absence for public school students. Please request a school absence on the day of the competition. Certificates of participation will be provided.

Registration for the Competition:

Complete the online registration at:

https://start.asbury.edu/register/American_Math_Competition_2019

Please note that seating is limited, and a wait list will be available as needed. The registration fee for AMC is \$5 per student and should be presented on the day of the event. Registration begins at 9:45 am; please arrive no later than 10:00 am. Competition will start promptly at 10:15 am and conclude by 11:45 am.

Registration for AMC also includes a free afternoon session including lunch in the cafeteria with Asbury math students and faculty, afternoon math sessions, and a campus tour.

Information and specific details concerning the competition will be sent to registered students and their parents/guardians via email.

Supplies for Competition:

Students are allowed to bring scratch paper, graph paper, rulers, compasses, and protractors to the test. Asbury will provide a limited supply of each of these items, including pencils for student use during the assessment. Please note calculators are not permitted on the test.

Results of the Competition:

Participating students will receive a detailed report of their AMC results after national scoring is complete. Results will be sent to parents/guardians via email from Asbury University.

Contact Information:

Contact Chelsea Parsons with questions (chelsea.parsons@asbury.edu).