

INSTRUCTIONS
49TH AUGUSTA UNIVERSITY MATHEMATICS CONTEST
FRIDAY, MARCH 1, 2024

Type of contest: The contest will consist of three parts: a written examination from approximately 9:15 to 10:15 a.m., a team competition from approximately 10:45 to 11:45 am, and a Math Jeopardy competition among the four (four person) teams with the highest scores in the written/team segments, beginning at approximately 1:30 pm. (It is anticipated that the entire event, including awards presentations, will conclude by 3:00-3:30 p.m. There will also be awards for those students with the highest individual scores on the written exam.

A school must have a faculty sponsor in order to participate in the tournament. A school may have fewer than four students participate in the morning events, but such teams will not be eligible for the Jeopardy competition. Each school may send one or two teams and a **maximum of 3 alternates**.

Application Deadline: Deadline for receiving completed entrance form is Thursday, February 1, 2024. You can submit the completed Registration form on the competition day (March 1, 2024) in person. The Registration form should contain names of newly added students not on the Entrance form. The Entrance and Registration forms are fillable and they can be downloaded on the contest webpage at <https://www.augusta.edu/scimath/mathematics/math-contest-registration.php>. There are **NO ENTRANCE/APPLICATION FEES**.

Content of the examinations: The written examination in the morning will consist of 20 multiple choice questions. Approximately 20% of the questions are on elementary topics, and 80% are on logarithms, probability, functions, and more advanced topics. The team portion will consist of about 6 to 8 questions answered collaboratively. You can view past exam questions on the contest webpage.

The Math Jeopardy contest will have six categories with five questions in each category. The rules and game play will mirror the famous TV game (there will be two “daily doubles”, and one “final jeopardy” question, where each team wagers some amount of the points they have amassed on one last question to determine the winner). Some of the questions in this round will be quick “general knowledge” questions about Mathematics, and others will be more technical/computational questions (typically requiring team collaboration) about a wide array of topics spanning basic algebra, trigonometry, statistics, discrete mathematics, calculus, and various other areas.

No aids such as calculators will be allowed in either contest. All paper, pencils, and other needed materials will be supplied.

Final plans and information including a time table, and parking permits will be mailed prior to the contest to all schools that return entrance forms. More detailed rules for the Jeopardy contest can be found on the Augusta University webpage given above.

If you have any questions about the contest, please call, fax or email:

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