

ANNOUNCING  
THE 36<sup>th</sup> ANNUAL  
AUGUSTA STATE UNIVERSITY MATHEMATICS CONTEST  
**FRIDAY, FEBRUARY 26, 2010**  
SPONSORS: THE DEPARTMENT OF MATHEMATICS AND COMPUTER SCIENCE OF  
AUGUSTA STATE UNIVERSITY  
AND  
CSRA HOME EDUCATORS

**WE ARE MAKING SOME CHANGES TO THE CONTEST THIS YEAR!**

The following changes to the contest format are going to be started this year:

1. The written portion will be shortened by 30 minutes and from 30 questions to 20 questions.
2. The team competitions will be held before lunch this year and will be shortened to 8 questions instead of 12 questions.
3. The lunch period will be delayed until approximately 11:45, and the afternoon snack period will be eliminated.
4. There will only be one quick answer playoff session between the four top teams in the afternoon. The format will be similar to the MAA Math Jeopardy contests and will be conducted in a similar manner.

**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 2:30-3:00 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 2 alternates**.

**Application Deadline:** Deadline for receiving completed entrance forms is **Friday, JANUARY 28, 2010**. An entrance form is included with this letter. There are **NO ENTRANCE/APPLICATION FEES**.

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 approximately 8 questions answered collaboratively.

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, registration forms and parking permits will be mailed prior to the contest to all schools that return entrance forms. Information & forms will also be posted on the Mathematics & Computer Science website at <http://www.aug.edu/mcs/Announcements.html>. More detailed rules for the Jeopardy contest can be found at <http://www.aug.edu/~mcsnos/Jeopardyrules.pdf>.

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

Dr. Chris Sligar  
Phone: 706-667-4486  
Email: [jsligar@aug.edu](mailto:jsligar@aug.edu)

OR

Department of Mathematics and  
Computer Science  
Phone: 706-737-1672  
Fax: 706-729-2155

