

# Math Day 2017 at Murray State University

March 28, 2017 9am-2pm

## Contest Rules and General Information

### I. Registration

- (i) The deadline for registration is March 3rd via the Google form found at <https://goo.gl/forms/pXIoifdrVBulQ1Km2>.
- (ii) Students may be allowed to participate if their information is not provided before March 3rd; however, there is no guarantee that such students will receive promotional materials (e.g., t-shirts, information packets).
- (iii) If a student who is registered before March 3rd cannot participate, another student will be allowed to substitute. Please email [msu.mathday@murraystate.edu](mailto:msu.mathday@murraystate.edu) with changes.
- (iv) Each school is allowed to bring a maximum of 25 students.

### II. Exams

- (i) There will be two exams administered concurrently, beginning at 9:15 am.
- (ii) Each exam consists of thirty multiple choice questions. Students will be given one hour to complete the exam.
- (iii) The Lower Level Exam is geared toward freshman and sophomore students. The content will consist of problems of varying difficulty from Algebra I, Algebra II, Geometry, and Mathematical Reasoning.
- (iv) The Upper Level Exam is geared toward junior and senior students. The content will consist of problems of varying difficulty from Trigonometry, Calculus, Probability, and Mathematical Reasoning.
- (v) The use of calculators will not be allowed during the exam; however, students will be given pencil and paper.
- (vi) The grading criteria for the exams is as follows: +1 point for a correct answer,  $-\frac{1}{4}$  point for an incorrect answer, and 0 points for no answer.
- (vii) Junior and senior students will be allowed to take the Lower Level Exam; however, they are ineligible for individual prizes in this category and their scores will not count toward school awards.

### III. Awards

- (i) The three students with the highest scores for each level of exam will earn prizes.
- (ii) The three students with the highest scores on the Upper Level Exam will earn scholarships to Murray State University.
- (iii) There will be one award for the school with the best performance. A school must have at least three students participating in each exam in order to be eligible for this award.

### IV. Miscellaneous

- (i) All activities will be held on the 3rd floor of the **Curriss Center** (Building 24 on the Murray State Campus map).
- (ii) Check in will begin at 8:15am and we will begin the day promptly at 9am with a welcome from Dr. Stephen Cobb, Dean of the Jesse D. Jones College of Science, Engineering, and Technology.
- (iii) In addition to the contest, there will be a MSU student/alumni panel discussion focusing on the pursuit a mathematics degree and the usefulness of mathematics in a professional career. We encourage students and teachers to have questions prepared for this component of Math Day.
- (iv) When completing the registration form, make sure to indicate any possible dietary restrictions.
- (v) During the registration process, please indicate the correct t-shirt size for each student. No additional t-shirts will be available the day of the competition.
- (v) If you have any additional questions please email [msu.mathday@murraystate.edu](mailto:msu.mathday@murraystate.edu).