

**Math Day 2023 at Murray State University**  
**February 9, 2023 9:15am-1:25pm**  
**Contest Rules and General Information**

**I. Registration**

- (i) The deadline for registration is Thursday, January 19th at 12 pm via the Google form found at <https://forms.gle/UfvQwnvsZk8K9TUG8>.
- (ii) Students may be allowed to participate if their information is not provided by January 19th; however, there is no guarantee that such students will receive a t-shirt.
- (iii) If a student who is registered by January 19th 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 20 students.

**II. Individual Exams**

- (i) There will be two exams administered concurrently, beginning at 9:35 am.

- (iv) 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 and those teams counted for points in the group competition must include at least one student taking the Lower Level Exam and one taking the Upper Level Exam. Points will be distributed as set out below.

**Upper Exam:** Each individual student performance accumulates points for their school. Points are given out for the following:

- 1st place (10 points)
- 2nd place (8 points)
- 3rd place (6 points)
- 4th place (4 points)
- 5th place (2 points)

One school may accumulate a maximum of 30 points in this event.

**Lower Exam:** Points are awarded exactly the same as in the Upper Exam.

**Group Competition:** In order to be eligible for points from this event, a school must have a minimum of two groups participating. Each school's ranking will be determined by taking the mean score from the best two groups participating. Points are given out for the following:

- 1st place (30 points)
- 2nd place (24 points)
- 3rd place (18 points)
- 4th place (12 points)
- 5th place (6 points)

One school may accumulate a maximum of 30 points in this event.

## V. Miscellaneous

- (i) All activities will be held on the 3rd floor of **Faculty Hall** and in **Lovett Auditorium** (Buildings 36 & 37 on the Murray State Campus map, respectively).
- (ii) Check in will begin at 8:15 am and we will begin the day promptly at 9:15 am with a welcome from Dr. Timothy Todd, Provost of Murray State University.
- (iii) In addition to the contest, there will be a MSU alumnus talk by Howl Bean II 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.
- (vi) If you have any additional questions please email [msu.mathday@murraystate.edu](mailto:msu.mathday@murraystate.edu).