

Dear Math Team Sponsor:

This year's annual Jefferson College Math contest will be held **Monday, March 18, 2019**. The cafeteria will be open for lunch. The menu options are available on the [Jefferson College Website](#). Please have your students bring **two (2) sharpened #2 lead pencils**.

**NOTE:** We will not be permitting any calculators this year!

**Time & Date:** 9:00 a.m., Monday, March 18, 2019

**Place:** Arts & Sciences I Building, Jefferson College, Hillsboro, MO

**Teams:**  
*Junior High Team* – consists of six (6) students (three each from grades 7 and 8)  
*Senior High Team* – consists of twelve (12) students (three each from grades 9, 10, 11, 12)  
Team members must be currently enrolled in the grades they are representing.  
Additional Seniors are permitted to compete for the scholarship, but they may not be counted as part of the team for purposes of the team score.

**Fee:** \$45.00 for high schools, and \$35 for junior high schools, when registering in advance. **Registrations that are not completed by 12:00 p.m. (noon) on Friday, March 8<sup>th</sup>, 2019**, and/or registrations made the day of the event **will increase in price to \$90.00 for high schools, and \$70 for junior high schools.**

**Scholarship:** Up to two full-tuition scholarships to Jefferson College are awarded to the seniors with the highest scores. Both team seniors and additional scholarship contestants are eligible.

**Tests:** Both tests will have 40 multiple choice questions with five (5) choices per question. Topics covered will include:

- Junior High: Arithmetic, Algebra, Geometry, Miscellaneous
- Senior High: Algebra I, Geometry, Algebra II, Trigonometry, Calculus, Math Analysis, Miscellaneous

**Scoring:** Four (4) points for each correct answer; minus one (1) point for each incorrect response. No deduction is made for unanswered questions. The team score will be the total of the highest two (2) scores from each grade level. **NOTE:** All sponsors are required to report to the Hospitality Room (ASI 207) at **11:00 a.m.**, after the test, to tabulate the results for their students and teams.

This year we will be trying something a little different during the "down-time" between the end of the test and the beginning of the ceremony. We will be having a small **team competition** in which students will work cooperatively on five challenging problems that require some out-of-the-box thinking.

**Team Challenge:** Teams will consist of four students from each participating school (both Jr. and Sr. ... two different sets of problems) to be selected by whatever means their sponsor chooses. Scoring of the contest may not be completed in time to use that as a selection criterion.

If the competition proves popular, we hope to expand to allow more participation in future years. The competition will (tentatively) take place between 11:15 and 11:45 in the same building as the contest, and lunch (likely pizza) will be provided to the participating students.

Please let us know if your school is interested in participating in this competition so we have a count for lunches.

**Assembly:** The Awards Assembly will be held at **12:45 p.m.** in the Fine Arts Theater.

Thank you for your interest in, and your support of, your team's participation in the Jefferson College Annual Math Contest. If you have questions, please contact Erica Chandler, Math Division Assistant, at (636) 481-3302, or via email at [echandl2@jeffco.edu](mailto:echandl2@jeffco.edu).

Sincerely,

The Jefferson College Mathematics Department: