

SACMATH
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Dear Parent, Teacher or School,

Thank you for registering for the SACMATH Middle School Contest on Saturday, January 26, 2019 at Holmes JHS, 1220 Drexel Drive, Davis, CA. We look forward to having your student(s) participate in the contest!

The schedule for the contest is as follows:

- 1:30 PM = Check-in Opens
- 1:30 – 2:00 = Contest Check-In
- 2:00 – 2:10 = Introduction and Contest Overview
- 2:10 – 3:00 = Sprint Test (all students)
- 3:00 – 3:40 = Target Test (all students)
- 3:40 – 4:10 = Team Test (teams)
- 4:10 – 5:00 = Break to complete grading and tabulate results
- 5:00 – 5:30 = Countdown Round (top students)
- 5:30 – 6:00 = Results, Awards, and Closing

We will try to stay on schedule during the contest, but sometimes there are unavoidable delays. Please bear with us if we should run behind.

Students should bring several sharpened pencils. Scratch paper will be provided at the contest. Calculators can be used on the Target and Team Tests, and will be needed for the Calculator Test. Students should bring a calculator with which they are familiar. Students may use any calculator allowed for use on the SAT. It is highly recommended that the calculator have parentheses, reciprocals ($1/x$), squaring, square root, exponentiation (x^y), and pi. Cellphones, smartphones, watches, or tablets MAY NOT be used as a calculator.

The contest will be held inside the MP/Cafeteria Room on the Holmes JHS campus. A map document is included that shows the location of Holmes JHS and the MP/Cafeteria Room. Please check in inside the MP/Cafeteria Room early enough that we can start at 2:00 PM.

We ask that a responsible adult be contactable during the contest for each registered student or team. Holmes JHS has some outdoor seating, and we should be able to have a classroom available.

This contest follows the MathLeague.Org contest format (Sprint, Target, Team, Countdown). All students take the Sprint and Target tests. Teams take the Team Test. All students on a Team must be from the same school. All students are eligible for the Countdown Round.

Following is a short description of each test.

Sprint Test

Students have 40 minutes for a test consisting of 30 short-answer questions. Students may not use calculators, but may use scratch paper. The score on the Sprint Test is one point for each correct question. (Skipped problems are not counted as incorrect.)

Target Test

Four pairs of problems are given, one pair at a time, and students have six minutes to complete each pair and provide an exact answer to each problem. Students may use calculators and scratch paper. The Target Test score is 2 points for each correct answer. There is no penalty for incorrect answers.

Team Test

Teams collaborate for 20 minutes to answer 10 questions by providing an exact answer. Students may use calculators and scratch paper. The Team Test score is 2 points for each correct answer. There is no penalty for incorrect answers.

Countdown Round

The top scoring students in Individual Math (sum of Sprint and Target scores) participate in a fun, head-to-head, tournament-style contest to see who can be the first to correctly answer questions projected on a screen.

Full contest rules, including descriptions of each test and sample problems, can be found on the SACMATH website (www.sacmath.com).

This contest is a qualifier for the MathLeague.Org Championships, to be held later in 2019. Students who score high enough on Sprint or Target Tests, and Teams with a high enough score on the Team Test, qualify for the Championships. More details about MathLeague.Org and the Championships can be found on the MathLeague.Org website at <http://mathleague.org/inter2sect.php>.

The awards ceremony will begin at approximately 5:30 PM, after the Countdown Round is complete. Awards will be given to the top scorers in the following categories:

- Individual Math (sum of Sprint and Target scores): 6th grade, 7th grade, and 8th grade
- Countdown Round: top students

Awards will be given to the top scoring Teams, based on Sweepstakes Score (sum of individual scores of team members, divided by four, plus score on Team Test).

I hope you have a fun and challenging time at the contest! Please contact me via email at sacmathcontests@gmail.com if you have any questions.

Sincerely,

Jeff Soesbe
SACMATH (Sacramento Area Competitions in Mathematics)