
Sixty-Seventh Annual
STATEWIDE
HIGH SCHOOL
MATHEMATICS CONTEST
TUESDAY, APRIL 8, 2025



Sponsored by the
TENNESSEE MATHEMATICS
TEACHERS' ASSOCIATION

HISTORY AND PURPOSE OF CONTEST

Prior to 1957, several independent (and limited) contests in high school mathematics were held in various localities in Tennessee. The Tennessee Mathematics Teachers' Association effected a merger of these contests in 1957 and began to sponsor a contest open to all public, private, and parochial high schools in Tennessee. This association is happy to conduct a statewide contest each year as one of its major projects.

The major purposes of the contest are (1) to stimulate interest in mathematics by encouraging more students to include mathematics in their programs of study and, thereby, to raise the level of mathematics competence in Tennessee; and (2) to honor those students who are outstanding in their knowledge of mathematics through appropriate public recognition in their schools and their communities.

The contest is conducted as an academic festival where students represent their school in competition with others at a nearby Testing Center. These specially selected school representatives compete with others for preeminence in their region and in the state.

ENROLLMENT OF SCHOOLS

Each school desiring to enter students in the contest should designate one person (principal or teacher of mathematics) as official Contest Supervisor. This Contest Supervisor shall be responsible for completing the official School Enrollment form and for conducting all necessary correspondence with the Center Chair.

The school enrollment form appears as a separate section of this announcement. It should be filled in completely and mailed to the appropriate Center Chair by **Monday, March 17, 2024**. To be assured of a place in the Contest, the application must be in by this deadline.

Contest Supervisors are urged to submit School Enrollment Forms as soon as possible to permit orderly organization and administration of the contest.

CONTEST ELIGIBILITY

There are six divisions in the Contest:	
<i>Algebra I / Integrated I</i>	<i>Statistics</i>
<i>Geometry / Integrated II</i>	<i>Pre-calculus</i>
<i>Algebra II / Integrated III</i>	<i>Calculus and Advanced Topics</i>
A student may compete in only <u>one</u> division.	

The contest is open only to students who have been enrolled in a mathematics course during the current academic year. Each contestant must compete in the division corresponding to the course in which they are enrolled at the time of the exam. Contestants not currently enrolled in a course (due to block scheduling, for example) must compete in the division corresponding to the course in which they were most recently enrolled.

A student may not take the Pre-calculus exam after having taken the Calculus and Advanced Topics exam. The Calculus and Advanced Topics exam may be repeated (unlimited). No other test may be repeated.

Integrated Core I students are eligible to take the Algebra I exam.
 Integrated Core II students are eligible to take the Geometry exam.
 Integrated Core III students are eligible to take the Algebra II exam.

Junior high and middle school students are eligible to compete if they satisfy the enrollment requirement.

The contest supervisor must contact the local Center Chair prior to registration for rulings on eligibility. Additional details are available at the FAQ page at <https://tmta.wildapricot.org/>.

SELECTION OF CONTESTANTS

The method of selection and preparation of contestants is left to each individual school. Each Contest Supervisor is urged, however, to conduct special examinations for the selection of the contestants who will represent the school at a Testing Center. These exams should be open to all eligible students who wish to compete. This procedure greatly increases the stimulating effects sought as one objective of the Contest.

CONTESTANT FEES

A fee of **\$6.00** will be charged for each contestant who competes at a Testing Center.

PAYMENT OF THE ENTRANCE FEES WILL BE DUE THE DAY OF THE CONTEST, TUESDAY, APRIL 8, 2025, AT THE TESTING CENTER.

Please make checks payable to TMTA.

Contest Supervisors are requested to seek payment of fees from general school funds.

Maximum Number of Contestants Permitted at Testing Centers						
Number Enrolled in Course	Algebra I or Int I	Geometry or Int II	Algebra II or Int III	Statistics	Pre-calculus	Calculus & Adv Topics
1-25	4	4	4	4	4	6
26-50	4	4	4	5	5	8
51-75	5	5	5	6	6	9
76-100	5	5	5	7	7	11
101-125	6	6	6	8	8	12
126-150	6	6	6	9	9	14
151-175	7	7	7	10	10	15
176-200	7	7	7	11	11	17
201-250	8	8	8	11	11	17
251-300	9	9	9	11	11	17
301-350	10	10	10	11	11	17
351-400	11	11	11	11	11	17
401-450+	12	12	12	11	11	17

Payment of entrance fees to the Center Chair in advance is encouraged where feasible.

On the day of the contest, each school is requested to bring a typed/printed list of the names of the contestants along with their email addresses and the name (first and last) and email address of their teacher. Please double-check that this list is all correct. In the past, we have had a few instances where we were unable to read the student's hand printed name on their information sheet and ended up giving plaques or certificates with misspelled names. We want to avoid this situation in the future.

TESTING AND GRADING PROCEDURE

Each school participating in the contest will be assigned by the Regional Chair to a Testing Center where its students will compete. The Contest Supervisor will be notified as to the time and particular room at the Testing Center where each contestant is to report.

Schools and/or individuals may compete only at the Testing Center to which assigned.

The Contest will be conducted as one continuous test of 80 minutes.

No contestant may bring any material into the testing room other than a pencil, eraser, compass, ruler, and calculator. Calculators are allowed in all divisions in the contest. Any calculator capable of symbolic manipulation is prohibited. Any calculator allowed on the ACT Math exam is acceptable. Refer to the ACT calculator rules for more details on specific models.

Each test will consist of problems or questions to which five multiple choice answers are given. Each contestant will be allowed to keep their copy of the examination booklet without charge. Additional copies are available for **\$2.00** each while supplies last.

The Chair of each Testing Center will supervise the grading of papers of all students competing at the Center and will forward the Regional Chair the papers of the **top ten contestants** in each division.

The Regional Chair will supervise the re-grading of all papers received from the Testing Centers in the region and will forward to the Examinations Director the papers of the **top ten contestants** in each division from the region.

The Examinations Director will supervise the re-grading of all papers received from the Regional Chairs.

The Contest Committee is the final judge of all grading and awards. Decisions of the Committee are final.

Scoring Formula: $\text{Score} = 4 \times (\text{Number Right}) - (\text{Number Wrong}) + 40$.

Tie-breaker rule: If there is a tie for first, second, or third place in a particular exam, then graders will use both answer sheets and work backwards from the last problem to find the first answer which one of them answered correctly and which the other one did not. The person with the correct answer on that problem will be the winner of that place. If that does not resolve the tie, then the place will still be tied.

TESTING AREAS

(Contact information is on pages 7-9.)

EAST TENNESSEE

Regional Chair – Thomas Bass, Carson-Newman University, tbass@cn.edu

Host College and Location

Chair

Northeast State Community College, Blountville	Teresa Gardner
Carson-Newman University, Jefferson City	Michael Lugo
Roane State Community College, Harriman.....	Dani Lane
Roane State Community College, Oak Ridge	Stefanie Holmes & Jeni Parker
Maryville College, Maryville.....	Dan Ross
Tennessee Wesleyan University, Athens	David Ashe
University of Tennessee, Chattanooga	Meg Kiessling
Tusculum University, Greeneville	Joel Shelton
Pellissippi State Community College (Hardin Valley), Knoxville	Ellen Matheny

MIDDLE TENNESSEE

Regional Chair – Lisa Elliott, Nashville State Community College, Lisa.Elliott@nsc.edu

Host College and Location

Chair

Volunteer State Community College, Gallatin	Shelley Fenton & Elizabeth Forrester
Lipscomb University, Nashville.....	Amy Nelson
Middle TN State University, Murfreesboro.....	Dovie Kimmins & Martha Damron
The University of Tennessee Southern, Pulaski.....	Jennifer Aust
Austin Peay State University, Clarksville.....	Jennifer Yantz
Tennessee Technological University, Cookeville.....	Stacy Brown
Cumberland University.....	Laurie Dishman

WEST TENNESSEE

Regional Chair – Bryan Sandor, University of Tennessee at Martin, Martin, TN

Email: bsandor@utm.edu

Host College and Location

Chair

Dyersburg State Community College, Dyersburg	Devalyn Reynolds
Freed-Hardeman University, Henderson.....	Timberly Singleton
University of Tennessee at Martin, Martin	Robert Niedzialomski
University of Memphis, Memphis	Alistair Windsor
Southwest Tennessee Community College (Macon Cove campus), Memphis	Mark Moses

Contest Committee

Statewide Contest Coordinator – Daryl Stephens, East Tennessee State University, Johnson City, TN

Examinations Director – Brian Wagner, University of Tennessee, Martin, TN

AWARDS

For superior performances, awards shall be presented as follows:

1. **Certificates of Participation** - To be given to each person who takes part in the contest.
2. **Certificates of Merit** - To be awarded to first, second, and third place winners in each testing center in each division of the contest.
3. **Certificates of Distinction** - To be awarded to first, second, and third place winners in each region in each division of the contest.
4. **Certificates of Achievement** - To be awarded to the remainder of the top ten winners in each region in each division of the contest.
5. **Engraved Plaques** - To be awarded to the first, second, and third place winners in the final state competition in each division of the contest.
6. **Certificates of Excellence** - To be awarded to the remainder of the top ten winners in the final state competition in each division of the contest.
7. **Engraved Plaques** - To be awarded to the schools of the first, second, and third place winners in the final state competition in each division of the competition.
8. A **\$125.00 check** will be awarded to the first-place winners in the Statistics, Pre-calculus, and Calculus and Advanced Topics Divisions.
9. A **\$100.00 check** will be awarded to the first-place winners in the Algebra I / Integrated I, Geometry / Integrated II, and Algebra II / Integrated III Divisions.
10. In case of a tie, a final determination of awards will be made by the Contest Committee.

PRESENTATION OF AWARDS

It shall be the responsibility of each Center Chair to see that the appropriate awards are presented to the winners at their center and to the regional winners from their center. All winners should be recognized on some special occasion at the winner's school such as honors day.

CONTEST RESULTS


State Contest results will be published annually in the fall edition of the **TMTA Bulletin** and posted on the TMTA website at <https://tmta.wildapricot.org/>. Persons desiring to receive these results are encouraged to become a member of TMTA by mailing \$10.00 annual dues to: **Stephanie Kolitsch**, UT Martin, 309 Administration Building, Martin, TN 38238.

2026 TENTATIVE CONTEST DATE
Tuesday, April 7, 2026

EAST TENNESSEE REGION

<p>Teresa Gardner Northeast State Community College Mathematics Department 2425 Highway 75 Blountville, TN 37617 (423) 354-2459 tlgardner@NortheastState.edu</p>	<p>Michael Lugo Carson Newman University Mathematics 1646 Russell Avenue Jefferson City, TN 37760 (865) 471-3262 mlugo@cn.edu</p>
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<p>David J. Ashe Tennessee Wesleyan University 204 East College Street Athens, TN 37303 (423) 252-1362 dashe@tnwesleyan.edu</p>	<p>Joel Shelton Tusculum University 60 Shiloh Road Greeneville, TN 37745 (423) 636-7300 Ext. jshelton@tusculum.edu</p>
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MIDDLE TENNESSEE REGION

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<p>Jennifer K. Aust The University of Tennessee Southern 433 West Madison Street Pulaski, TN 38478 (931) 363-9851 jaust@utsouthern.edu</p>	<p>Laurie Dishman Cumberland University Mathematics - Labry Hall #236 1 Cumberland Square Lebanon, TN 37087 (615) 547-1278 ldishman@cumberland.edu</p>
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WEST TENNESSEE REGION

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