

OPPORTUNITIES FOR  
HIGH SCHOOL MATH TEAMS  
CONTESTS AND TOURNAMENTS AT YOUR SCHOOL  
AND AROUND THE SOUTHEAST

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# OUTLINE

## CONTESTS

Paper

Web

## TOURNAMENTS

In-State, High School

In-State, College

Out-of-State

## A PATH TO MATHEMATICAL EXCELLENCE

From AMC to IMO

From Local to ARML

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CONTINENTAL MATH LEAGUE 9th grade  
\$85 first team, additional \$70  
At least 6 students  
[www.continentalmathematicsleague.com](http://www.continentalmathematicsleague.com)

# FOUR-ROUND CONTESTS

CONTINENTAL MATH LEAGUE calculus

\$85 first team, additional \$70

At least 6 students

[www.continentalmathematicsleague.com](http://www.continentalmathematicsleague.com)

## THREE-ROUND CONTESTS

MANDELBROT TEAM PLAY \$32; up to 2 more teams at \$8 each

Must also register for Competition

4-student teams

www.mandelbrot.org

ROCKET CITY MATH LEAGUE FREE!

At least 5 students

www.rocketcitymath.org

MU ALPHA THETA LOG 1 FREE!

Three levels; at least 2 students per level

Topic test, ciphering, general

[www.mualphatheta.org/Contests/Log1.aspx](http://www.mualphatheta.org/Contests/Log1.aspx)

# NATIONAL ASSESSMENT & TESTING

FALL START-UP Individual speed contest

TEAM SCRAMBLE Full team speed contest

CIPHERING TIME TRIALS individual ciphering

FOUR-BY-FOUR 4-person team ciphering

COLLABORATIVE Week-long full team contest

\$50 each; all 5 for \$200

[www.natassessment.com](http://www.natassessment.com)



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## WEB-BASED CONTESTS

### I-TEST FREE

50+ problems, 5 days

Five students form a team on-line

[www.theitertest.com](http://www.theitertest.com)

### ON-LINE MATH LEAGUE \$80 per level

Alg, Geo, Alg II, Calculus

At least 4 students per level

[www.academicleagues.com/math.asp](http://www.academicleagues.com/math.asp)

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## JV AND VARSITY TOURNAMENTS

COBB COUNTY INVITATIONAL [Don.Slater@cobbk12.ga.us](mailto:Don.Slater@cobbk12.ga.us)

ROCKDALE [cgarner@rockdale.k12.ga.us](mailto:cgarner@rockdale.k12.ga.us)

LASSITER INVITATIONAL [Don.Slater@cobbk12.ga.us](mailto:Don.Slater@cobbk12.ga.us)

NORTHVIEW INVITATIONAL [stone@fultonschools.org](mailto:stone@fultonschools.org)

ST. VALENTINE'S DAY MATHACRE [mathacre.shorturl.com](http://mathacre.shorturl.com)

DWIGHT LOVE/GREATER ATLANTA CHRISTIAN SCHOOL  
[clawrence@greateraltantachristian.org](mailto:clawrence@greateraltantachristian.org)

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# VARSITY TOURNAMENTS

UNIVERSITY OF GEORGIA

MERCER UNIVERSITY

ARMSTRONG ATLANTIC JV

AUGUSTA STATE

GEORGIA SOUTHERN JV

GEORGIA SOUTHWESTERN

GEORGIA TECH JV

COLUMBUS STATE

NORTH GEORGIA COLLEGE

VALDOSTA STATE

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# TOURNAMENTS

VESTAVIA HILLS HIGH SCHOOL

DUKE UNIVERSITY

CHATTACHOOCHEE VALLEY

COLLEGE OF CHARLESTON

FURMAN UNIVERSITY

VANDERBILT UNIVERSITY

CLEMSON UNIVERSITY

UNIVERSITY OF ALABAMA



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- ▶ AMC10, AMC12
- ▶ The most popular national contest
- ▶ AMC A: Feb 10; AMC B: Feb 25  
Take Both!
- ▶ \$40 + \$16 per 10
- ▶ Score over 100 on AMC12  
or score in top 1% on AMC10  
move on to AIME

- ▶ March 17 OR April 1  
Not Both!
- ▶ FREE
- ▶ 3 hours, 15 problems
- ▶ “USAMO Index” =  
AMC score +  $(10 \times \text{AIME score})$
- ▶ Goal is to select 500 students to move on to UASMO



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- ▶ Up to 45 students to form 3 teams of 15 plus 3 alternates
- ▶ We pick you, or you pick yourself
- ▶ Practice Sundays in May and on Memorial Day

## STEP 3: ARML!

- ▶ First weekend after Memorial Day
- ▶ Penn State, UNLV, University of Iowa, UGA
- ▶ [www.arml.com](http://www.arml.com)