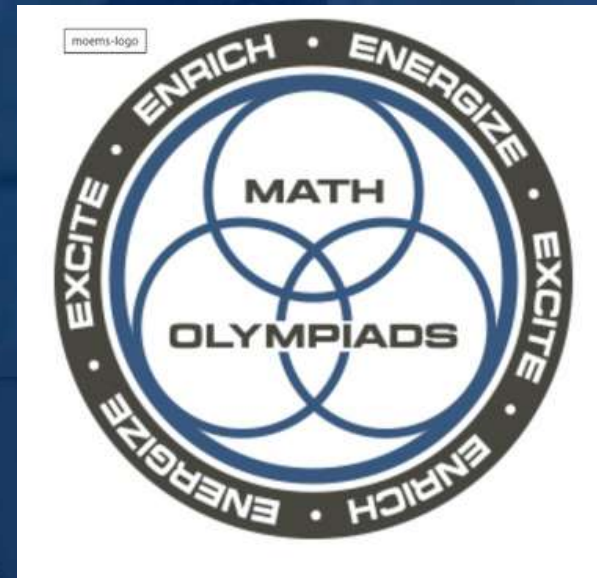




RAMANA
—LEARNING CENTER—
YOUR SUCCESS IS OUR PASSION

MOEMS



MATHEMATICAL OLYMPIADS FOR ELEMENTARY AND
MIDDLE SCHOOLS

TEAMS & INDIVIDUAL COMPETITION

About

- **Founded by George Lenchner in 1977; public contest since 1979.**
- **Worldwide influence in math education and enrichment.**
- **Managed by MOEMS non-profit, directed by Meryl Fordin.**

PREPARING STUDENTS FOR COMPETITIVE MATH

Why Math Contest?



- **Enhances readiness for premier colleges**
- **Builds confidence in math and strengthens problem-solving skills**
- **Provides international recognition and fosters a lifelong interest in math**
- **Encourages collaboration with like-minded, math-passionate peers**
- **Boosts academic profiles to stand out on applications and qualify for scholarships**

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Competition Format



- **Five monthly contests held from November through March**
- **Each contest features five non-routine math problems to be solved within 30 minutes**
- **Students may participate individually and as part of a team (up to 35 members per team)**
- **Two divisions: Elementary (Grades 4–6) and Middle (Grades 6–8)**
- **Contest format: Administered simultaneously for all team members, either on paper or online**

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Registration & Eligibility



- **Registration:** Opens in summer and closes in fall; check official deadlines at [MOEMS](#)
- **Fees:** Cover contest materials, awards, and administration, ranging from \$175–\$300 per team in the U.S.
- **Eligibility:** Open to students from public, private, and home schools. Institute teams excluded
- **Team participation required:** Students must register as part of a team; no individual registrations
- **Team supervision:** Each team must have an adult PICO (Person In Charge of Olympiads)

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Scoring & Awards



Individual Competition

- **Scoring:** Each student's total points are the sum of their best scores from all five contests.
- **Awards:** Certificates, pins, patches, and medals are awarded based on individual performance.
- **Highest Individual Scorer medal; George Lenchner Medallion for perfect scores.**

Team Competition

- **Scoring:** The team score is the aggregate of the top 10 individual scores.
- **Awards:** Plaques are awarded to the top School and Homeschool teams. Institute teams are not eligible for team awards.

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Rules

- **Calculators, rulers, graph paper, and other aids are not permitted during the contest.**
- **Answers should be clearly written, with correct units where applicable.**
- **Contests must be administered within the designated windows; no early or late administrations are allowed.**

Topics



- Algebra
- Airthmetic & Number Theory
- Geometry
- Logic
- Combinatorics & Probability
- Data & Statistics

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Resources



- **Sample Contests:** Download sample contests for both Elementary (grades 4–6) and Middle School (grades 6–8) divisions to familiarize with the contest format and question types.
- **Problem of the Week:** Engage with weekly problems to develop problem-solving skills and mathematical thinking
- **Olympiad Books:** MOEMS offers a series of books containing past contest problems with detailed solutions

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THANK YOU!