

# 53<sup>rd</sup> Mu Alpha Theta National Convention 2025

## Rosen Plaza Hotel

### Orlando, FL July 6-11

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The 53rd annual Mu Alpha Theta National Convention will be hosted by:

Rob Snow, Deerfield Beach HS

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Test Coordinator: Radleigh Santos, American Heritage Broward [famatstatetests@gmail.com](mailto:famatstatetests@gmail.com)



#### Competitors

All competitors must be members or associates of Mu Alpha Theta. Everyone that attends must be registered. No visitors are allowed during the convention. **All attendees must stay at the Rosen Plaza Hotel July 6-11. NO EXCEPTIONS!**

#### Competitions

The convention will include math competitions at four levels as well as Topic Tests, Poster, Chalk Talk, Interschool Contest, and the Mystery test. Each school is invited to bring competitors in **Mu (Calculus), Alpha (Pre-Calculus), Theta (Algebra II/Geometry) and Statistics divisions**. The division in which students will compete is determined by the math course they are enrolled in as of May 1, 2025 for Mu, Alpha and Theta divisions. **Any student, no matter when they took Statistics in high school, is eligible to compete in the Statistics division if they choose to do so.**

#### Registration Fees

The registration fee will be **\$500** for all attendees. The full payment must be postmarked no later than May 1. The registration fee includes convention activities, t-shirt, theme park ticket for July 9 and most meals (see schedule).

#### REGISTRATION DUE DATES

<b>Final Registration</b>	postmark date: May 1, 2025
<b>Medical Forms</b>	postmark date: May 1, 2025
<b>Student Participation Forms</b>	postmark date: May 1, 2025
<b>Travel Information</b>	Final online date: May 1, 2025
<b>All Participant Information</b>	Final online date: May 1, 2025
<b>Chalk Talk Round 1 Submission</b>	Final deadline June 7, 2025

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## General Information

The 53rd Mu Alpha Theta National Convention, hosted by Rob Snow (FL) - President of the Governing Council, with test coordinator Dr. Radleigh Santos (FL) will be held July 6-11, 2025 at the Rosen Plaza Hotel in Orlando, Florida. All attendees must stay at the Rosen Plaza July 6-11 to participate in the National Convention. On Wednesday, the excursion will be a choice of the following theme parks : Magic Kingdom, Epcot, Hollywood Studios, Animal Kingdom or Universal Studios (Islands of Adventure and Universal Studios).

You will be registering and paying for your own hotel rooms. You may put up to 4 (5 with a rollaway bed) students per room. If you use the rollaway bed, the cost is \$20 per night plus taxes and fees. The hotel registration process is below and will open in the fall of 2024.

## Registration

There are 2 components for registering all participants for the convention.

1. All participant information must be **input online** at [www.mualphatheta.org](http://www.mualphatheta.org). This site will be available beginning **February 1, 2025**. Names of students attending, division for each student, topic test sign up, chalk talk sign up, t shirt sizes, travel information, rooming information, and other information is input online.
2. **Medical forms/Participation forms/code of conduct forms** must be completed for each competitor and sponsor and mailed to:

National Office: Mu Alpha Theta Convention  
c/o University of Oklahoma  
3200 Marshall Avenue, Suite 150  
Norman, OK 73019

Forms must be notarized and a copy of the medical/health card (front and back of the medical card) must be attached. Sponsors may want to keep a copy of these forms to carry while traveling.

When the forms are mailed to the national office, please put them in this specific order for every student and sponsor attending the convention:

**Students: Page 18, Page 19 or 20, Pages 22-23 (participation, medical, code of conduct)**  
**Sponsors: Page 21-23 (medical, code of conduct) stapled together in order. Forms will be considered late if this order is not used. Printed invoice from the online system must accompany all checks with correct amount.**

## Accommodations

All schools will need to book their own rooms for the convention. The convention runs from Sunday July 6 - Friday July 11. Additional nights will be available three nights before and after the convention at \$146.45/room per night plus taxes and fees. Sponsors will fill out a spreadsheet from the hotel that will be on the national website. You will email the spreadsheet to Marcie Fleming at the following email: [mfleming@rosenhoteles.com](mailto:mfleming@rosenhoteles.com). On the spreadsheet, you will tell her the day of arrival and departure for your school and the names of the students or sponsors in each specific room. Marcie will create your invoice based on the state you're from and email it to you for check payment. You will hold the rooms with a credit card, which will NOT be charged once the check arrives.

The address of the hotel is: Rosen Plaza Hotel, 9700 International Drive, Orlando, FL 32819

## Parking

Parking is FREE for the first car for each school. Additional parking is available at the hotel for \$20 for cars per day.

## Transportation

Shuttle buses, provided by the convention, will run from the airport to the hotel on Sunday July 6 (10 am - 4 pm) and to the airport from the hotel on Friday July 11 until noon. If possible, the convention will transport participants as early as 4 am on Friday for early flights. Sponsors need to put their arrival and departure times online. There will be staff at baggage claim to help guide schools.

Schools arriving or leaving outside of these time windows are responsible for their own transportation.



## Excursions

Orlando is a very popular tourist destination. The hotel is close to Universal Orlando and the four Disney theme parks (Magic Kingdom, Epcot Center, Hollywood Studios and Animal Kingdom).

On Wednesday, July 9, schools will have the opportunity to attend one of these theme parks. If a school wants to break up and go to multiple parks, they can, but they must have a chaperone with each group of students. The convention will provide charter bus transportation to and from the parks from the hotel. The current 2025 price list is in this packet.



If any school would like to purchase tickets for use before or after the convention, please email Rob Snow for the updated information from the theme parks and he will give you specific websites or directions for you to purchase the tickets at the best possible prices.

## Sponsor Duties

The convention needs all sponsors to help with running all competitions and activities. Sponsors will be assigned duties throughout the convention.

## Rooming Assignments (to be done with your spreadsheet)

Please complete rooming assignments on the spreadsheet. You will be making the reservations with the Rosen Plaza. The number of students in each room is up to you and the number of sponsors/chaperones in each room is up to you. You can have 5 students in a room with a cot provided by the hotel. The cost of the cot is \$20 per night plus taxes/fees. **There are a limited number of cots provided by the hotel.**

### Registration/Check Out Time

Registration will start at 10 am on July 6 and check out time is no later than 11 am on July 11. There will be convention space available to hold luggage if you choose to come early on July 6 or leave late on July 11.

### Competitors

Each student is to be registered in one of the four levels defined below. The division students will compete in is determined by the math course in which they are enrolled as of May 1, 2025 for Mu, Alpha and Theta division.

**THETA** level is for associates or members who have completed Geometry and/or Algebra II but have not been enrolled in a higher level mathematics course.

**ALPHA** level is for members who have completed math courses above Algebra II but have not been enrolled in Calculus.

**MU** level is for members who have completed a Calculus course.

**STATISTICS** level is for students who have completed AP Statistics.

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### COMPETITIONS

A student *may* take a test at a higher level other than the division in which they are registered **ONLY** in the following competitions: **Topic Tests, Chalk Talk, Relay, Hustle, and Gemini.** However, if you are registered as an alpha (for example), you **MUST** take the alpha individual, alpha ciphering, and alpha school bowl (if you qualify).

The **OPEN** level topic tests are not limited to students in any particular level. However, students should carefully examine test content descriptions before making their selections.

#### Individual Tests: (T, A, M, S)

#### Sweepstakes Event

- 30 multiple choice question written test covering all topics applicable to the level
- 60 minute time limit
- No calculators except on the Statistics Individual test.
- Scoring will be 5 points for each correct answer, 1 point for a blank, 0 for an incorrect answer
- Ties will be broken by the sudden winner method. (See glossary)
- Trophies will be given to places 1-10 and medals for 11-20 for each division.

#### Topic Tests: (T, A, M, O)

#### Sweepstakes Event

- 30 multiple choice question written test.
- Descriptions of topic tests are included in this packet.
- 60 minute time limit, except History of Math – 30 minute time limit.
- Scoring will be 5 points for each correct answer, 1 point for a blank, and 0 for an incorrect answer.
- Ties will be broken by the sudden winner method.
- Trophies will be given to places 1-10 and medals for 11-15 for each test.
- See list of topic tests on page 6.

## Ciphering: (T, A, M, S)

### Sweepstakes Event

- 10 open response questions administered individually.
- 3 minute time limit per question.
- No calculators
- Scoring - twelve points for a question answered correctly in the 1st minute, eight points in the 2<sup>nd</sup> minute, and four points for a question answered correctly in the 3<sup>rd</sup> minute, a sliding scale will be used.
- Trophies will be given to the top 10 and medals for 11-20 in each division.

## Gemini: (T, A, M, S)

### Not a Sweepstakes Event

- 30 multiple choice question written test that 2 people work on together.
- 60 minute time limit.
- Administered to all students not qualifying for school bowl.
- Once all 2 person teams are seated, singletons may work on a first come, first served basis.
- Scoring will be 5 points for each correct answer, 1 point for a blank, 0 for an incorrect answer.
- Ties will be broken by the sudden winner method.
- Only one team per school may win an award in each division.
- Trophies will be given to the top 10 and medals for 11-15 teams in each division.
- No calculators.

## School Bowl: (T, A, M, S)

### Sweepstakes Event

- Top 4 individuals from each school per division as determined by the sum of their individual test score and their ciphering score compete as a team.
- 12 open response questions administered one at a time.
- Time limit - 4 minutes per question with points awarded depending on the minute in which the question is answered correctly.
- Each question will have 4 parts. Each part is worth 2 points. If a school gets all four parts correct, a bonus is awarded based on the minute the question is turned in. This bonus is 12-8-4-0. The bonus will slide for each question if necessary.
- No calculators except for the Statistics Division.
- A sliding scale will be used.

## Interschool Test

### Sweepstakes Event

- Test will consist of math problems, puzzles and trivia, along with data found at the convention site.
- Schools will begin with a single student and will be able to “buy in” additional students (or their sponsor) with separate questions that do not count towards the interschool score.
- Score will be the number of questions answered correctly.
- No calculators, cellphones, or any technology.
- ONE SPONSOR CAN WORK ON THE TEST WITH THEIR STUDENTS.
- Trophies will be given to the top 10 schools.

## Chalk Talk: (T, A, M)

### Sweepstakes Event

Speeches given by students on the specified topic.

- Each school can have one presenter for each level Theta, Alpha, Mu.
- See judging form included in this packet for more specific information on presentations.
- 10 people from each division will advance to the final round.
- Students may have no other materials than one 3 by 5 index card and the marker in their hands.
- Students will submit their outside references on a 3 by 5 index card to the judges before the talk.
- The first round will be done online. The 10 finalists will be informed in mid June to prepare for the finals.
- **Theta topic –Math in the Movies**
- **Alpha topic – Math in Universal Orlando**
- **Calculus topic – Math in Walt Disney World**
- Trophies will be given to the top 10 in each division.
- Students will be writing on white boards.

**Mystery Test**

- 30 Questions
- 60 minute test.
- The scoring is 5 points for a correct answer, 1 point for a blank answer and zero points for an incorrect answer.
- Trophies will be given to the top 10 and medals for places 11-20.

**Sweepstakes Event**

**Hustle**

- Each school may have ONE Hustle team---which will be comprised of 6 people from your school as follows: (1.) The actual team will consist of 4 students, with no more than 2 students from the same division, (2.) Each school must have a sponsor and an additional sponsor or student that will score for another school. If you do not have a sponsor or an additional person, then drag someone from another school to help. Extras MAY be provided.
- There will be 5 rounds of 5 minutes each.
- The team is presented with 125 questions, color-coded by 5 math categories: Geometry, Alg 2, Pre-Calc, Calc and Statistics/Probability. There will be 25 of each color/category, and 25 total submissions will be graded in each round.
- Before the end of each round a 1-minute warning will be given. Teams should have compiled answers for the judges to grade and will submit the paper with the question which includes the answer in the answer blank.
- Correct responses for Round 1 will receive 6 pts, 5 pts for Round 2, 4 pts for Round 3, 3 pts for Round 4 and 2 pts for round 5.
- Awards will be given to the top 10 teams. Individual awards will be given to each of the 4 student members of the team.
- **ANY STUDENT COMPETING IN HUSTLE CAN'T COMPETE IN RELAY.**

**Sweepstakes Event**

**Relay**

- The relay team will consist of 3 students – 1 Theta, 1 Alpha, 1 Mu.
- Students will begin seated as theta, alpha, mu.
- After each set of 3 questions, the students will move back one seat.
- Each student will have their own question to work on.
- There will be a single answer sheet on which to write answers only.
- The answer sheet can be passed back or in front during the round
- Students cannot talk to each other.
- If a student wants the answer sheet passed back up to him, the student can snap his fingers or tap the person in front of him on the back.
- There will be 9 rounds and a practice round.
- The time limit for each round will be 6 minutes.
- Answer sheets can be submitted at the end of 2, 4, or 6 minutes. questions the team will receive.
- Each correct answer will be worth 2 points.
- Bonus points will be awarded if all 3 answers are correct – 12 points at the end of minute 2, 8 points at the end of minute 4, 4 points at the end of minute 6.
- **ANY STUDENT COMPETING IN RELAY CAN'T COMPETE IN HUSTLE.**

**Sweepstakes Event**

**Poster**

- See judging sheet in this packet for information.
- Trophies will be given to the top 10 schools.

**Sweepstakes Event**

**Speed Math****Non-Sweepstakes Event**

- This is a 15 minute test with 25 open response problems.
- There will be three divisions: Theta, Alpha and Mu. Each participant will pick one of the divisions.
- The answer should be written in the space provided.
- All problems require exact answers.
- Fraction answers may be given as improper fractions, mixed numbers, or exact decimals unless otherwise specified.
- Any units within a given problem and its answer are consistent.
- Where applicable, leave answers in terms of  $\pi$ .
- You will receive 1 point for each correct answer.
- No penalty for wrong answers or empty answer spaces.
- You may write on the test paper.
- No calculators
- Any sponsor may participate
- Students can take EITHER Mental Math or Speed Math, but not both.
- Each school can have a MAXIMUM of 3 students (one in each division).

**Mental Math****Non-Sweepstakes Event**

- This is an 8 minute test with 40 problems.
- ALL PROBLEMS MUST BE SOLVED MENTALLY.
- There is to be NO writing on the test other than the answer.
- Writing other than the answer(s) will result in disqualification of the test taker.
- There will be three divisions: Theta, Alpha and Mu. Each participant will pick their division.
- The answer should be written in the space provided.
- No erasures may be made to an answer once written.
- Use a pen with blue or black ink.
- All problems require exact answers.
- Fraction answers may be given as improper fractions, mixed numbers, or exact decimals unless otherwise specified.
- You will receive 5 points for each correct answer.
- 1 point for each question skipped
- 0 points for each incorrect answer.
- Wait for the signal to begin then you will have 8 minutes of working time.
- A warning will be given at 1 minute and 15 seconds left in the testing time.
- Any sponsor may participate.
- Students can take EITHER Mental Math or Speed Math, but not both.
- Each school can have a MAXIMUM of 3 students.

**Division Awards**

- These will be given to the top 10 schools in each division by combining the top 4 individual scores (determined by the sum of their individual test score and their ciphering score) with the bowl score.

**Blue Ribbon Award**

The Blue-Ribbon Award (3 trophies) will be determined by a school's total sweepstakes points divided by the number of participants from that school (**minimum of 8 students**). Schools that place in the top 15 of Sweepstakes are not eligible.

### Sweepstakes

- Plaques will be given to the top 15 schools.

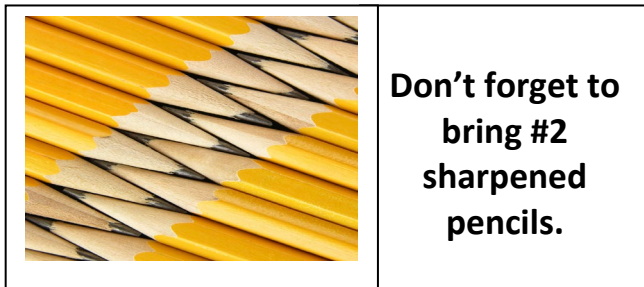
### Sweepstakes Scoring

The overall sweepstakes award is calculated from the scores of all tests and competitions. The sweepstakes score is calculated as follows.

1. A t-score is calculated for each individual competition score.
2. A t-score is calculated using the formula  $t = 10z + 50$ .

In the above formula, z is the standard score (or z-score) and represents the number of standard deviations above or below the mean a particular score is located. The z-score is equal to  $(x - \mu)/\sigma$ , where x is the actual team score, mu is the mean score, and sigma is the standard deviation of all the team scores. t-scores have a mean of 50. After each t-score is calculated, it is multiplied by a weighing factor so that each competition has a value relative to its importance.

So that sponsors and students can get a better feeling for the relative importance of each competition, the following table gives the weight and an **approximate** percentage for each competition.



Competition	Num	Weight Each	% Each	Total Weight	Total %
Division (indiv, bowl, ciph) *Top 4 students M,A,T	3	12.6	12.6	37.8	37.8
Statistics Division (indiv, bowl, ciph) Top 4 student	1	4.3	4.3	4.3	4.3
Topic Tests: Top 1 student in each test	30	1.4	1.4	42	42
Interschool	1	2.8	2.8	2.8	2.8
Relay	1	2.8	2.8	2.8	2.8
Hustle	1	2.8	2.8	2.8	2.8
Poster	1	1.5	1.5	1.5	1.5
Mystery Test	1	1.5	1.5	1.5	1.5
Chalk Talk: Top student in each division	3	1.5	1.5	4.5	4.5
Total Weighing Points					100



**Topic Tests**

**Sweepstakes Events**

Each student must register for one topic test for each round. Please indicate the number of students taking each test when you register online. Students may take any topic test in their division, a higher division or any that are designated as open.

Round 1	Round 2	Round 3
(T) Quadrilaterals	(T) CPAV	(T) Geometry
(T) Equations/Inequalities	(T) Logs and Exponents	(T) Functions
(T) Theta Applications	(T) Conic Sections	
(A) Matrices and Vectors	(A) Alpha Applications	(A) Trigonometry
(A) Complex Numbers	(A) Equations/Inequalities	(A) Logs/Exponents
(A) Sequences and Series		(A) Analytic Geometry
(M) Mu Applications	(M) Limits/Derivatives	(M) Comprehensive
(M) Integration	(M) Area and Volume	(M) Advanced Calculus
	(M) Sequences and Series	(M) Probability/Statistics
(O) Number Theory	(O) Probability/Combinations	(O) History of Math
(O) Statistics Unplugged	(O) Codes and Ciphers	(O) Discrete Math

**Descriptions of Various Topic Tests**

*Advanced Calculus* – BC Calculus, Differential Equations, Multivariable Calculus

*Analytic Geometry* – all analytic topics, including all conics, rotated axes, polar coordinates, parametric equations and vectors

*Area/Volume* – ALL methods of finding or approximating areas under curves or between curves including polar and ALL methods of finding volumes of solids of rotations as well as volumes of irregular shapes, using cross sections

*History of Math* – will have the writer provide public reference

*Discrete Math* – logic, set theory, number theory, combinatorics, design theory, graph theory, algorithmics, counting, enumerative combinatorics

*Mu Probability and Statistics* – Calculus based Probability and Statistics. So, integrals of distributions, Poisson-type series probability applications, moment-generating functions, simple maximum likelihood, etc. Will have the writer provide public reference.

*Statistics Unplugged* – a Statistics test with NO calculator.

**Glossary of terms**

**Alpha** – for full members who have completed math courses above Algebra II/Geometry but have not been enrolled in Calculus

**Calculator use** – no calculators on any tests other than Statistics topic test

**Disputes** – write these when there is a disagreement with a given answer on competition tests or bowl questions. There is a designated time for this after each competition.

**Division** – refers to the four major strands of the competition. The four divisions are THETA, ALPHA, MU and STATISTICS. Division scores are computed by adding the TEAM score with top 4 individual scores as determined by the sum of their individual test score and ciphering score

**Interschool test** - a test that anyone from a school may work on

**Level** – is determined by the highest course a student has completed prior to attending the convention. A student is allowed to take a test at a higher level but NOT at a lower level on the following competitions for the 2025 convention: topic tests, chalk talk, relay, hustle designated by the hosts. From lowest to highest, the levels are Theta, Alpha, and Mu. Statistics is an open division and can be anywhere in the order.

**Mu** – for full members who have completed a calculus course

**Multiple choice tests** – are 60 minutes long, 30 question tests. Multiple choice questions are scored as follows: 5 points for a correct answer, 1 point for no answer, and 0 points for an incorrect answer, with sudden winner tie breakers

**Open** – open to students from any level

**Sliding scale** – the first school to get all 4 team question parts correct answer received will be awarded 12 bonus points regardless of the minute in which the question was answered. Correct answers received in the next minute will receive 8 points, and so on until the four minute time limit has been reached. For example, if all 4 correct responses are received in the third minute then that response and all other correct answers in the third minute will receive 12 bonus points. Correct answers received in the fourth minute will receive 8 bonus points. (See team scoring)

**Sudden winner tie breaker system** – tied scores on individual tests and topic tests will be broken by examining the first difference in the tied papers. A right answer will defeat a blank or incorrect answer. A blank answer will defeat an incorrect answer. *For example: Test 1 and test 2 have identical answers for questions 1 through 9 but question 10 on Test 1 is wrong while it is correct on Test 2. Test 2 would win the tie breaker and get the higher place.* If papers are identical, students will be called in for a tie breaking question unless they are tied with perfect papers. In that case, all competitors will receive 1<sup>st</sup> place.

**Team tie breaker** – using sudden winner tie breaker system, compare the final team totals, compare team scores per question by points until there is a discrepancy.

**Division tie breaker** – using sudden winner tie breaker system, compare the final team totals, compare team scores per question by points until there is a discrepancy, the highest number of points on that question breaks the tie, compare individual scores with the highest scoring team member.

**Sweepstakes tie breaker** – using sudden winner tie breaker system, compare the highest division scores in the following order: Mu, Alpha, Theta, Statistics.

**Team scoring** – 12 question rounds of four minutes. Each question is 4 parts. Each part is worth 2 points. If a team gets all four parts correct, the team will earn a bonus of 12-8-4-0 based on the minute the question is turned in. A sliding scale will be used if necessary for the bonus points.

**Theta** – for associate or full members who have completed Geometry and/or Algebra II but have not been enrolled in a higher level mathematics course

**TENATIVE SCHEDULE OF EVENTS**

Sunday July 6, 2025		
10am -5:30 pm	Registration	Convention Registration Desk
5:30 – 7 pm	<i>Buffet Dinner</i>	Main Ballroom Foyer
7:30 pm	Opening Ceremonies <i>Announcement of Poster Theme</i>	Main Ballroom
<i>After opening ceremonies</i>	<b>Trivia Game</b>	Main Ballroom
	Sponsor Meeting	Salon 5-8
11:30pm	Curfew	in your assigned room
Monday July 7, 2025		
5am – 6am	<i>Yoga</i>	Salon TBD
6:00 – 7:30 am 6:30 - 7:00 am	<i>Breakfast</i> <i>New Sponsor Breakfast meeting</i>	Main Ballroom Foyer Main Ballroom
8:00 – 9:30 am	<b>Topic Test Round 1 – Bring ticket/ ID.</b> (T) Quad, Eqs/Ineqs, Apps (A) Complex Numbers, Matrices/Vectors, Sequences/Series (M) Integration, Apps (O) Statistics Unplugged, Number Theory	Main Ballroom
<i>½ hr after test</i>	<b><i>Dispute Center Open for Round 1</i></b>	<i>Registration Desk</i>
8:00 am	Governor’s Board Meeting	Salon 10
10:00 – 11:30am  <i>½ hr after test</i>	<b>Individual Tests. Bring ID.</b> <i>No tickets necessary</i> <b><i>Dispute Center Open for Individual</i></b>	Main Ballroom  <i>Registration Desk</i>
11:30 – 1:00 pm	<i>Lunch</i>	Main Ballroom Foyer
11:30– 1:00 pm	<i>Delegate’s Lunch</i>	<i>Salon 5-8</i>
1 – 2 pm	<b>Speaker Sessions</b> <b>(see program page 14 and 15)</b>	Meeting Rooms
2:15 – 3:15 pm	<b>Speaker Sessions</b>	Meeting Rooms
4 – 6pm	Student Delegate Activities	Main Ballroom

4:00– 7:00 pm	<i>Chalk Talk Finals</i> <i>Mu— Meeting Rooms</i> <i>Alpha—Meeting Rooms</i> <i>Theta—Meeting Rooms</i>  <i>Kalin Interviews</i>	All finalists will be in Salon ??? for holding during the finals.          Salon 10
6 – 7:30pm	<i>Dinner</i>	Main ballroom Foyer
8 – 9:30 pm	<i>Mystery Test</i>	Main Ballroom
11:30pm	Curfew	in your assigned room
<b>Tuesday July 8, 2025</b>		
5am – 6am	<i>Yoga</i>	Salon TBD
6:00 – 7:30 am 6:30-7:30	<i>Breakfast</i> <i>New Sponsor Breakfast</i> <b>Pick up verifications for Topic Test Round 1, Individual test, Mystery test; due by 1:00 pm</b>	Main Ballroom Foyer Main Ballroom Registration Desk
8:00 – 9:30 am          <i>½ hr after test</i>	<b>Topic Test Round 2 – Bring ticket /ID</b> (T) CPAV, Logs/Exponents, Conics (A) Apps, Eqs/Ineqs (M) Limits, Area/Volume, Seqs/Series (O) Probability/Comb, Codes/Ciphers  <b>Dispute Center Open for Round 2</b>	Main Ballroom          <i>Registration Desk</i>
8 – 9 am	Governor’s Board Meeting	Salon 10
8:30 - 9 am	Sponsor Meeting	Salon 5-8
10 –11:30am <i>½ hr after test</i>	<b>Ciphering</b> <b>Dispute Center Open for Ciphering</b>	Main Ballroom Registration Desk
11:30 – 1 pm	<i>Lunch</i>  <i>Delegate Lunch</i>	Main Ballroom Foyer  Salon 5-8
1:00 pm	<b>Turn in verification for Round 1, Individual, Mystery Test</b> <b>Pick up verification for Round 2- due by 7:00 pm</b>	Registration Desk
1 – 3pm	Interschool Test (1 sponsor, all students)	Main Ballroom
3:00-3:30pm	Speed Math (3 students max, all teachers)	Main Ballroom
3:40- 4pm	Mental Math (3 students max, all teachers)	Main Ballroom

4:15 – 6:00 pm	Hustle Relay	Main Ballroom Salon 5-8
6 – 7:30pm	Dinner	Main Ballroom Foyer
7:00 pm	<b>Turn in verification for Round 2 Pick up verifications for ciphering; due Tues by 10 pm</b>	Registration Desk
8 pm	<i>Awards</i>	Main Ballroom
After Awards	College Mixer	Salon 5-8
10:00 pm	<b>Turn in verifications for ciphering</b>	Registration Desk
11:30 pm	Curfew	In your assigned room
<b>Wednesday July 9, 2025</b>		
5am – 6am	<i>Yoga</i>	Salon TBD
6:00 – 7:30 am	<i>Breakfast</i>	Main Ballroom Foyer
6:30 – 7:00 am	<i>New Sponsor Breakfast</i>	Main Ballroom
7:30 am	<b>Theme Park Day</b> <i>Lunch and Dinner on your own</i>	<b>Meet in Main Ballroom Foyer with your ENTIRE GROUP!!</b>
8:30 pm	<i>Awards</i>	Main Ballroom
8:30 pm	<b>Bowl teams posted</b>	Registration Desk
11:30 pm	Curfew	In your assigned room
<b>Thursday July 10, 2025</b>		
5am – 6am	<i>Yoga</i>	<i>Salon TBD</i>
7:00 – 8:30 am	<i>Breakfast</i> <b>Poster Due</b>	<i>Main Ballroom Foyer</i> <b>Registration Desk</b>
8:30 – 10 am	<b>Topic Test Round 3 – Bring ticket &amp; ID.</b> (T) Geometry, Functions (A) Trig, Logs/Exp, Analytic Geo (M) Comprehensive, Adv Calc, Prob/Stat (O) Discrete Math	Main Ballroom
8:30-9:15am	(O) History of Math	Salon 5-8
½ hr after test	<b>Dispute Center Open for Round 3</b>	<i>Registration Desk</i>
9:00 am	<b>Poster Judging</b>	Salon 10
10:30 – 12:30pm	<b>School Bowl Gemini (for all non-team members)</b>	Main Ballroom



**Theme Park Admission for 2025** (Prices subject to change) All prices are Pre-Tax

**If you would like to buy tickets for your school for before or after the convention, please email Rob Snow and he will assist you in getting the lowest possible price for your tickets. (robsnow23@yahoo.com)**

**Walt Disney World 2025 prices (FLORIDA SCHOOLS ONLY for ONE DAY TICKETS)**

Epcot or Animal Kingdom	\$109.00
Magic Kingdom or Hollywood Studios	\$129.00
2 day ticket (one park only)	\$225.00
2 day ticket Park Hopper ( <i>multiple parks in the same day if you want</i> )	\$280.00
3 day ticket (one park only)	\$311.00
3 day ticket (Park Hopper)	\$367.00
4 day ticket (one park only)	\$381.00
4 day ticket (Park Hopper)	\$437.00
5 day ticket (one park only)	\$436.00
5 day ticket (Park Hopper)	\$492.00

**NON Florida schools: There is not an option for 1 day tickets for you for Disney world parks. You MUST buy a 2 day ticket minimum to go to Disney parks. The convention will cover \$129 of the cost per ticket. The Non Florida schools would pay the remaining cost per ticket per person attending to the National office.**

Florida schools: 1 free ticket for every 10 student tickets

Non-Florida schools: If you purchase 10 or more student tickets, you get 2 free tickets (maximum 2 free tickets no matter how many student tickets purchased)

**Universal Studios 2025 prices** (Same pricing for all except one day one park)

One day (one park) (Florida students only)	\$96
One day (two parks)	\$123
2 day ticket (two parks)	\$173
3 day ticket (two parks)	\$188
4 day ticket (two parks)	\$193

1 free chaperone ticket for every 10 student tickets for Florida schools. 2 free chaperone tickets for groups of 20 or more for non-Florida schools.



MU ALPHA THETA NATIONAL CONVENTION  
TRANSFER OF SPONSORSHIP FORM

Home School Information

Name of School \_\_\_\_\_

Name of Principal \_\_\_\_\_ Phone (\_\_\_\_) \_\_\_\_\_

Sponsor's Name \_\_\_\_\_

Please list all other adults affiliated with the home school that will be attending at the bottom of this page.

Receiving Sponsor Information

Sponsor's Name \_\_\_\_\_ Chapter ID No. \_\_\_\_\_

Name of School \_\_\_\_\_

MAθ's policy states that every student that competes or attends a MAθ sanctioned event must have a school sponsor that is either a teacher or administrator at that school with them at that event. The home school named above is transferring sponsorship responsibilities for the National Mu Alpha Theta Convention to the receiving sponsor identified above. This allows the stated home school's students to participate at the national convention. The receiving sponsor assumes the responsibility of acting as sponsor for the home school student(s) for the entire convention. This is not a transfer of liability.

\_\_\_\_\_  
Home School Principal signature

\_\_\_\_\_  
Home School MAθ  Sponsor signature

\_\_\_\_\_  
Receiving School Principal signature

\_\_\_\_\_  
Receiving School Sponsor signature

List of Adults from Home School (*please print*)

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Postmark Deadline: May 1, 2025 **(FINAL)**

Payment must accompany registration form.

Please print information clearly.

**FINAL REGISTRATION FORM**

School Name \_\_\_\_\_ Chapter ID \_\_\_\_\_

School Address \_\_\_\_\_

Contact person \_\_\_\_\_ Summer Email \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip code \_\_\_\_\_

Phone \_\_\_\_\_

Important information will be emailed after school is out. Please include names and email addresses of all sponsors attending the convention.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Number of registered students: \_\_\_\_\_ x \$ 500 = \_\_\_\_\_

Number of registered adults: \_\_\_\_\_ x \$ 500 = \_\_\_\_\_

Cost of additional Disney world tickets (Non Florida schools only, if applicable) \_\_\_\_\_ x \$ \_\_\_\_\_ = \_\_\_\_\_

Total due \_\_\_\_\_

**PLEASE SEND ONE CHECK FOR ALL PAYMENTS TO THE NATIONAL OFFICE**

Make check payable to:  
**Mu Alpha Theta Educational Foundation**

Please note:  
**2025 Orlando Convention**

Mail to:  
**Mu Alpha Theta Convention  
c/o University of Oklahoma  
3200 Marshall Avenue  
Suite 190  
Norman, OK 73019**

**NOTE: If the National office is paying for a member of your group, please add a note specifying the names below.**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Mu Alpha Theta National Convention Student Participation Policies**

Please read the following and indicate your acceptance by your signature(s) where applicable.

NOTE: NO STUDENT WILL BE GRANTED ACCEPTANCE TO THE NATIONAL CONVENTION WITHOUT THIS FORM ON FILE.

**Rules of Conduct**

- Participant agrees to conduct him/herself in a manner appropriate for a member of an honor society.
- Participant agrees to join all scheduled activities, to keep his/her sponsor informed of whereabouts before leaving the group/housing during unscheduled times, and when permission is given to leave the group, to travel in groups of two or more.
- Participant agrees not to visit the rooms of the opposite sex. No visits are allowed after curfew.
- Participant agrees not to bring with him/her or to acquire during the trip, illegal drugs of any kind including alcohol or smoking materials. Marijuana use is not allowed anytime during the convention.
- Participant agrees to permit the sponsor to keep any prescription medicines during the trip.
- In matters of dress and deportment, participant agrees to follow the requirements and suggestions of the convention host, Governing Council, and school sponsor.
- Participant agrees to adhere to curfew as determined by the convention host and to permit occasional room and baggage checks during the trip.
- Participants agrees that failure to follow any of these rules may result in confinement to housing assignment and/or in the return home of the participant (on the first available flight) at participant’s own expense, or, if a minor, at the expense of the parent or legal guardian of participant, and without benefit of any refund.

\_\_\_\_\_  
Participant’s signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Parent/Guardian’s signature/Date

\_\_\_\_\_  
Sponsor’s signature

\_\_\_\_\_  
Date

***Release and Indemnity Agreement***

The undersigned participant, and his/her parents or legal guardians of the participant who is a minor, in consideration of being permitted to attend the Mu Alpha Theta National Convention, and for other good and valuable consideration do hereby release, waive and discharge Mu Alpha Theta, its Governing Council and convention committee from all manner of action, causes of action, suits, damages, judgments, or claims for personal injury or death or loss of personal property, and any loss, damage, expense or cost including any lodging, meals, ground or air travel which may be incurred by either the undersigned participant or the undersigned parents or legal guardians of such participant, arising out of any participation in the national convention.

The undersigned participant and his/her parents or legal guardians agree to indemnify Mu Alpha Theta, its Governing Council and convention committee for any financial liability or damages incurred which were caused in whole or in part, by the negligence of intention act of the participant while attending the national convention.

\_\_\_\_\_  
Participant’s signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Parent/Guardian’s signature

\_\_\_\_\_  
Date

**This form must be postmarked by May 1, 2025. Mail to Mu Alpha Theta Convention, c/o University of Oklahoma, 3200 Marshall Ave, Suite 190, Norman, OK 73019**

NOTE: NO STUDENT WILL BE GRANTED ACCEPTANCE TO THE NATIONAL CONVENTION WITHOUT THIS FORM ON FILE.

STUDENT Medical Release Form. (This form MUST be notarized)

I, \_\_\_\_\_, as legal guardian of \_\_\_\_\_

or I, \_\_\_\_\_, authorize representatives from the school, officers of Mu Alpha Theta and members of the convention staff, to initiate such first aid and other medical treatment (including hospitalization) as deemed necessary to protect the health and safety of participant while in attendance at and traveling to/from the convention. I understand that such treatment may include obtaining the services of health care providers. If your student is without medical insurance, write NONE in the Company line and realize the parents of the student accept all financial obligations incurred by the medical needs of this student while at the convention. Skip the Policy # and Subscriber lines, but fill in all other lines of this form, including getting this form notarized. I acknowledge financial responsibility for such care not covered by the following medical insurance:

Company \_\_\_\_\_ Policy # \_\_\_\_\_

Subscriber: \_\_\_\_\_ Legal Guardian's Signature \_\_\_\_\_

Emergency Contact 1: \_\_\_\_\_ Phone Number: (\_\_\_\_\_) \_\_\_\_\_

Relationship \_\_\_\_\_

Emergency Contact 2: \_\_\_\_\_ Phone Number: (\_\_\_\_\_) \_\_\_\_\_

Relationship \_\_\_\_\_

STATE OF \_\_\_\_\_ COUNTY OF \_\_\_\_\_

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, by

\_\_\_\_\_ (name of person acknowledging).

\_\_\_\_\_ Printed Name of Notary

(NOTARY SEAL)

\_\_\_\_\_ Signature of Notary Public

Personally Known \_\_\_\_\_ OR Produced Identification \_\_\_\_\_

Type of Identification Produced \_\_\_\_\_

ATTACH a copy of both sides of your insurance card(s) to this form along with the signed Student Participation Policies form (with the Policies form on top). Awesome sponsors will alphabetize by last name. Score points with the hosts.

ALL PRESCRIPTION MEDICATIONS (with the exception of items such as inhalers) must be left in the possession of the sponsor or an adult. Please indicate the name of the prescription medication and the dosage. Also include other medical conditions, including allergies, the convention staff and sponsors should be aware of: \_\_\_\_\_

Video/Photo/Media Release Form

Mu Alpha Theta may be videotaping/photographing students during the convention as well as writing articles about the convention that may appear online at the Mu Alpha Theta website. I agree to allow my child or myself, \_\_\_\_\_, to be part of the videotaping, photography, and/or media. I further release Mu Alpha Theta for any liability from this endeavor.

\_\_\_\_\_ Legal Guardian's Signature

\_\_\_\_\_ Date

This form must be postmarked by May 1, 2025. Mail to: Mail to Mu Alpha Theta Convention, c/o University of Oklahoma, 3200 Marshall Ave, Suite 190, Norman, OK 73019 NOTE: NO STUDENT WILL BE GRANTED ACCEPTANCE TO THE NATIONAL CONVENTION WITHOUT THIS FORM ON FILE.

NOTE: NO STUDENT WILL BE GRANTED ACCEPTANCE TO THE NATIONAL CONVENTION WITHOUT THIS SIGNED FORM ON FILE.

STUDENT Medical Release Form (No health insurance) School \_\_\_\_\_ (This form MUST be notarized)

I, \_\_\_\_\_, as legal guardian of \_\_\_\_\_ or I, \_\_\_\_\_, authorize representatives from the school, officers of Mu Alpha Theta Student over 18

and members of the Convention staff, to initiate such first aid and other medical treatment (including hospitalization) as deemed necessary to protect the health and safety of participant while in attendance at and traveling to/from the Convention. I understand that such treatment may include obtaining the services of health care providers.

I (we) acknowledge financial responsibility. At this time, we currently do not have medical insurance.

Legal Guardian's Signature \_\_\_\_\_

Emergency Contact 1: \_\_\_\_\_ Phone Number: (\_\_\_\_\_) \_\_\_\_\_ Relationship \_\_\_\_\_

Emergency Contact 2: \_\_\_\_\_ Phone Number: (\_\_\_\_\_) \_\_\_\_\_ Relationship \_\_\_\_\_

Notary section containing fields for STATE OF, COUNTY OF, acknowledgment date, name of person acknowledging, Printed Name of Notary, Signature of Notary Public, and Type of Identification Produced. Includes a (NOTARY SEAL) label.

ALL PRESCRIPTION MEDICATIONS (with the exception of items such as inhalers) must be left in the possession of the sponsor or an adult. Please indicate the name of the prescription medication and the dosage. Also include other medical conditions, including allergies, the convention staff and sponsors should be aware of:

\_\_\_\_\_  
\_\_\_\_\_

\*\*\*\*\*  
\*\*\*\*

Video/Photo/Media Release Form

Mu Alpha Theta may be videotaping/photographing students during the convention as well as writing articles about the Convention that may appear online at the Mu Alpha Theta website. I agree to allow my child or myself, \_\_\_\_\_, to be part of the videotaping, photography, and/or media. I further release Mu Alpha Theta for any liability from this endeavor.

Parent or Legal Guardian's Signature \_\_\_\_\_ Date \_\_\_\_\_

Mail to: National Office, Mu Alpha Theta Convention c/o University of Oklahoma 3200 Marshall Ave, Suite 190 Norman, OK 73019

Medical Release Form FOR SPONSORS, CHAPERONES or GUESTS

(this form MUST be notarized)

I, \_\_\_\_\_, as sponsor or guest of \_\_\_\_\_

authorize representatives from the school, officers of Mu Alpha Theta and members of the convention staff, to initiate such first aid and other medical treatment (including hospitalization) as deemed necessary to protect the health and safety of participant while in attendance at and traveling to/from the convention. I understand that such treatment may include obtaining the services of health care providers. If I have no medical insurance, I will write NONE in the Company line and leave the Policy # and Subscriber lines blank. (All other lines are to be filled out including getting this form notarized.) I accept all financial obligations incurred by me for medical needs while in attendance at the convention. I acknowledge financial responsibility for such care not covered by the following medical insurance:

Company \_\_\_\_\_ Policy # \_\_\_\_\_

Subscriber: \_\_\_\_\_ Sponsor or Guest Signature \_\_\_\_\_

Emergency Contact 1: \_\_\_\_\_ Phone Number: (\_\_\_\_\_) \_\_\_\_\_

Relationship \_\_\_\_\_

Emergency Contact 2: \_\_\_\_\_ Phone Number: (\_\_\_\_\_) \_\_\_\_\_

Relationship \_\_\_\_\_

STATE OF \_\_\_\_\_ COUNTY OF \_\_\_\_\_

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, by

\_\_\_\_\_ (name of person acknowledging).

\_\_\_\_\_ Printed Name of Notary

(NOTARY SEAL)

\_\_\_\_\_ Signature of Notary Public

Personally Known \_\_\_\_\_ OR Produced Identification \_\_\_\_\_

Type of Identification Produced \_\_\_\_\_

ATTACH a copy of both sides of your insurance card(s) to this form along with the signed Student Participation Policies form (with the Policies form on top). Awesome sponsors will alphabetize by last name. Score points with the hosts.

Also include other medical conditions, including allergies, the convention staff should be aware of:

Video/Photo/Media Release Form

Mu Alpha Theta may be videotaping/photographing sponsors or guests during the convention as well as writing articles about the convention that may appear online at the Mu Alpha Theta website. I agree to allow myself, \_\_\_\_\_, to be part of the videotaping, photography, and/or media. I further release Mu Alpha Theta for any liability from this endeavor.

\_\_\_\_\_ Sponsor or Guest Signature

\_\_\_\_\_ Date

This form must be postmarked by May 1, 2025. Mail to: Mail to Mu Alpha Theta Convention, c/o University of Oklahoma, 3200 Marshall Ave, Suite 190, Norman, OK 73019

## Mu Alpha Theta Code of Conduct

Mu Alpha Theta National Mathematics Honor Society strives to integrate community, inclusivity, communication, and teaching & learning across all its work. MA $\Theta$  is advancing the understanding and enjoyment of mathematics, and strives to facilitate and support environments that foster this goal. As an honor society, MA $\Theta$  is committed to providing an inclusive climate that encourages the open expression and exchange of ideas, that is free from all forms of discrimination, harassment, and retaliation, and that is welcoming and comfortable to all members and to those who participate in its activities. In pursuit of that commitment, MA $\Theta$  is dedicated to the practice of equal opportunity, respect, treatment, participation, and outcomes for all regardless of gender, gender identity or expression, sexual orientation, race, color, national or ethnic origin, religion or religious belief, age, marital status, disabilities, veteran status, political affiliation or belief, field of expertise in all interactions and activities. This philosophy applies to all MA $\Theta$  activities including conventions, publications, programs, and governing structures and bodies.

MA $\Theta$  expects the standards set in this Code, as articulated below, to be upheld by its members; leaders; staff; awardees; and participants in meetings, conventions, events, or social media exchanges regardless of the capacity in which they are performing (be it as an individual, organizer, delegate, speaker, sponsor, exhibitor, or in any other capacity). The professional behavior and communications of MA $\Theta$  members, sponsors, and staff must reflect an environment that is safe, respectful, and supportive of others.

The code applies to the behavior of members of MA $\Theta$  and individuals who interact with MA $\Theta$  in their professional lives. These expectations apply to the teaching, research, service and other duties carried out by MA $\Theta$  members in their workplace and their behavior in the mathematical community. Violations of any part of this Code can be reported to the MA $\Theta$  Governing Board and may result in consequences described herein.

We expect that the MA $\Theta$  staff, MA $\Theta$  sponsors, MA $\Theta$  members, and affiliated parties (non-members attending or supporting MA $\Theta$  events) will:

- promote the enjoyment, study, application, teaching and understanding of mathematics;
- act with integrity, and strive to be objective, unbiased, and truthful in all aspects of our work;
- act to support MA $\Theta$ 's commitment to promoting diversity, equity and inclusion;
- never intentionally discriminate against another person on the basis of gender, gender identity or expression, sexual orientation, race, color, national or ethnic origin, religion or religious belief, age, marital status, disabilities, veteran status, or field of expertise
- avoid biased, demeaning, intimidating, coercive, or harassing/hostile conduct or commentary, whether seriously or in jest (e.g., based on power differential, gender [sex, identity, expression], sexual orientation, race, ethnicity or national origin, religion, marital status, veteran status, age, body size or other physical appearance, disability, or other identities);
- never bully, abuse, victimize, or engage in harassment of any kind, including sexual harassment, whether via spoken or written words, emails, offensive images or graffiti, social media posts, or any other means;

- avoid injuring others, their property, reputation, or employment by false or malicious action;
- be respectful of the privacy of others and the protection of their personal information and data;
- accept and offer honest criticism of technical work, acknowledge and correct errors, and credit properly the contributions of others;
- do not claim authorship of something that is not yours and do not claim sole authorship of something created with another person or in a group setting;
- demonstrate that differing perspectives are valued by critiquing only ideas (not people);
- answer questions about conduct concerns in a forthright and complete manner;
- assist colleagues and co-workers in their professional development and support them in following this code of conduct;
- avoid real or perceived conflicts of interest whenever possible, and disclose them to affected parties when they do exist.

Violations of this MAΘ Code of Conduct by any member, sponsor, or affiliated parties may result in:

- Written reprimand from the MAΘ Governing Board
- Removal from the MAΘ event or convention
- Banning of individual or group from future MAΘ conventions

These consequences would be regardless of status, role, or title.

\_\_\_\_\_ I understand and agree to abide by all Mu Alpha Theta Code of Conduct expectations at all times that I am attending a Mu Alpha Theta event or representing Mu Alpha Theta. I understand that this Code of Conduct applies to me, and the consequences will also apply to me.

\_\_\_\_\_  
Participant Signature

\_\_\_\_\_  
Date

**This form must be postmarked by May 1, 2025. Mail to Mu Alpha Theta Convention, c/o University of Oklahoma, 3200 Marshall Ave, Suite 190, Norman, OK 73019**

NOTE: NO STUDENT, SPONSOR, OR CHAPERONE WILL BE GRANTED ACCEPTANCE TO THE NATIONAL CONVENTION WITHOUT THIS FORM ON FILE.



**Chalk Talk Topics and Guidelines/Judging Sheet**

I. Topics for each division are: Theta – Math in the Movies, Alpha – Math at Universal Orlando.  
Mu – Math at Walt Disney World

II. The first round talk is to be uploaded to Youtube as an UNLISTED video so that anyone with the link can view the video without issues. The upload is a maximum of 7 minute CONSECUTIVE VIDEO WITH NO EDITS. The student can do multiple practice runs with their talk prior to the FINAL uploaded talk to be graded. The upload is the FINAL VERSION. It is completely up to the student how they present their work (document camera, use a whiteboard/chalkboard, etc.). The student needs to be comfortable with the format they choose. They must, however, use a writing tool in the video to present their talk. The students have up to 7 minutes to do their talk, but it is not required to use all 7 minutes to have a quality Chalk Talk.

The video links for all of the school's competitors must be emailed to Rob Snow at [robsnow23@yahoo.com](mailto:robsnow23@yahoo.com) by 8pm on Saturday June 7. Only one student per division per school. Maximum of 3 students total. For schools who submit 2 or 3 students, please include all of the links in one email.

The first round videos will be judged the week of June 8-14. The 10 finalists in each division will be sent to the sponsors of the students on Monday June 16. The finalists will do their talk live in Orlando on Monday July 7 with 3 judges for a total of 150 points. Chalk talk finalists will be sequestered until their talk is complete.

III. Students will be given 7 minutes of uninterrupted time for their presentation on the topic above. Warnings will be given when one minute remains and when 15 seconds remain. Presentations will be cut off at the 7-minute mark. Students may only bring one 3" by 5" index card into the presentation room to use during the presentation. A second 3 x 5 index card will be given to the judges during the preliminary round that contains all sources the presenter used to prepare their talk. All writing materials will be provided.. No one is allowed to enter the room after the speaker begins their talk. Any student or sponsor may attend chalk talks in the Finals round.

IV. Chalk Talk presentations will be judged on the scale shown below. Two judges will be assigned each presentation in the preliminary round, for a total of 100 points. Three judges will be assigned each presentation in the final round, for a total of 150 points.

V. The math for each talk must be specific for the speaker's division. Mu – must have elements of Calculus. Alpha – must have elements of Precalculus which can include Trigonometry and introductory limits. Theta – must have elements of Algebra/Geometry.

VI. Each school may enter one person per division, and they must register on the on-line Competition Sign-Up form.

VII. If anyone has any questions about the Chalk Talk competition, please email Rob Snow at [robsnow23@yahoo.com](mailto:robsnow23@yahoo.com).

**Chalk Talk Judges Sheet**

**Content**

<b>Knowledge of subject</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
<b>Accuracy of math used</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
<b>Appropriateness of math used</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
<b>Originality</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
<b>Relevance of facts to topic</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>

**Presentation**

<b>Clear articulation</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
<b>Addressed to audience</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
<b>Use of white board or flip chart</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
<b>Wow Factor!!</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
<b>Use of time</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>

**Judge's comments: (on side and back of the paper) Total: -----**\_\_\_\_\_

Note – any score below 3 must include a comment.

**Poster Competition Judging Sheet**

School Name \_\_\_\_\_ School ID # \_\_\_\_\_

Judge's # \_\_\_\_\_

Note to judges: Please write in point values for all subcategories on the left. Total these and write subtotals for each category on the right.

**Use of any unauthorized materials or attachments will result in points deductions.**

**Placement of school name on front of poster will result in a 20 point deduction per judging sheet.**

**I. Content (40 points, maximum) \_\_\_\_\_ Total points**

\_\_\_\_ **A. Originality (10 points)**

\_\_\_\_ **B. Theme Related (15 points)**

\_\_\_\_ **C. Math Related (15 points)**

**II. Artistic Quality (60 points, maximum) \_\_\_\_\_ Total points**

\_\_\_\_ **A. Lettering (10 points)**

\_\_\_\_ **B. Artwork (10 points)**

\_\_\_\_ **C. Color Coordination (10 points)**

\_\_\_\_ **D. Style/Layout (10 points)**

\_\_\_\_ **E. Attractiveness/Neatness (10 points)**

\_\_\_\_ **F. Eye Catching Design (10 points)**

**Deductions:** Use of unauthorized materials or attachments: 20 points

School name, logo, initials or any other identifying elements on front: 20 points

\_\_\_\_\_ **Total Points (100 maximum) Comments:**

## Google document summary sheet

### Go to:

[https://docs.google.com/spreadsheets/d/1rJuGXNIJtnamGX9Uz9DnuGWrv7a1IOLAsJHuxC\\_elLI/edit?usp=sharing](https://docs.google.com/spreadsheets/d/1rJuGXNIJtnamGX9Uz9DnuGWrv7a1IOLAsJHuxC_elLI/edit?usp=sharing)

1. Make a copy of the google sheet and name the file YOUR SCHOOL NAME

2. Use the form to assist you with the registration process at [mualphatheta.org](http://mualphatheta.org)

Once you are registered, share your spreadsheet with:

Rob Snow ([robsnow23@yahoo.com](mailto:robsnow23@yahoo.com))

Radleigh Santos ([famatstatetests@gmail.com](mailto:famatstatetests@gmail.com))

Ziwei Lu ([ziweilu@gmail.com](mailto:ziweilu@gmail.com))