

MA Θ 2019 National Convention

Las Vegas, Nevada—July 14-19, 2019

Have you ever been to the LAS VEGAS, Nevada? The 49th Mu Alpha Theta National Convention, hosted by Kim Woolfenden (retired) of Tampa Bay Tech (FL) with test coordinator Will Frazer of Buchholz (FL), will be held July 14 - 19, 2019 at the Alexis Park All Suites Resort in Las Vegas, Nevada.

Our field trip will be a pre-evening trip to see the Cirque du Soleil show “THE BEATLES-LOVE”

The registration fee will be \$575 per participant registered prior to May 1. No registrations will be accepted after May 1. **All final payments must be postmarked no later than May 1.** The registration fee includes Convention activities, lodging at the hotel, all meals (except Wednesday dinner and Friday breakfast), and a t-shirt. Students will be housed 4 per room, \$575 each. There are limited “extra rooms”, if students want less than 4 per room. There is an additional charge.

Single occupancy rooms, for sponsors only, are available, at a total cost \$875.

All competitors must be members or associate members of Mu Alpha Theta. **EVERYONE** that attends **MUST** be REGISTERED. **ALL** adults, Chaperones, spouses, parents, children, aunts, uncles, etc.

The Convention will include Math competitions at three levels of Individual tests, as well as Topic Tests, Poster, Chalk Talk, the Interschool Contest and the School Bowl. Each school is invited to bring competitors in **Mu (Calculus), Alpha (Pre-Calculus), and Theta (Algebra II/Geometry) divisions.**

MA Θ Convention Online

All participant information must be entered online at www.mualphatheta.org > Chapter Log In > **Convention Registration**. Make sure your e-mail is correct. Please check regularly for information pertaining to the Convention or specific to your school. Registration opens February 4, 2019.

Any questions?

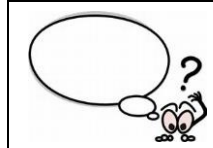
Contact the Convention host by email: Kim Woolfenden: woolfmath@aol.com



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WOOLFMATH@aol.com

**REGISTRATION DUE DATE**Registration *postmark date:* May 1, 2019**Sorry, NO late registrations can be accepted**

Snail mail :

kids – pages 12, 13
 adults – page 14,
 (12 a or b, 14 a or b)
Stapled together with
 a copy of the medical
 card, in order, to:
 Kim Woolfenden
 14220 N. Hwy 301
 Thonotosassa, FL
 33592

INFORMATION DUE DATES

Medical forms (snail mail)	<i>postmark date:</i> May 1, 2019
Test Sign Up online	final online date: May 1, 2019
Travel Information online	final online date: May 1, 2019
Rooming Information online	final online date: May 1.

1. Adult/Sponsor/Chaperone Duties

In addition to sponsoring students from your own school during the Convention, proctoring and other duties will be assigned. You can sign up for preferred duties online. **Any non-student, participating or attending the Convention will be considered a chaperone and should be registered as such.**

No one attends without registering or for free.

2. Medical Forms/Participation Form/Media Forms

Each Convention attendee, including sponsors and chaperones, must complete and submit a medical and liability form. ***Forms must be notarized and a copy of the medical/health card must be attached.***

Sponsors are encouraged to keep a second copy of this form for their students, in case of illness or injury. Students or adults with no health insurance who attend the Convention must agree to cover 100% of costs for needed emergency medical care.

3. Extended Stays - Coming early or staying late?

If you are planning to come early or stay after the Convention, the hotel will house you at a discounted rate for up to three days before or after the Convention. Call the **reservation office at 800-582-2228 use Group Code: MATH111.** You can do it online at [Mu Alpha Theta Room Block](http://MuAlphaThetaRoomBlock) or <https://reservations.travelclick.com/85179?groupID=2410506#/guestsandrooms>

4. Rooming Assignments (to be done online)

All students will be assigned 4 (sometimes 3) to a room and sponsors will be assigned 2 to a room (unless you pay extra for a single). **Please indicate rooming assignments ONLINE.** If you have 1 or 2 “extra” students (of the same gender) from your school in a room, then they will be matched up with students from another school. Online, you may select the school with which your students share, if you have contacted the sponsor of that school and they also request this. Anything out of the norm will pay accordingly. All information submitted is final and no refunds will be given if a student is unable to attend.

5. Registration/Check-out time

Registration will start at 3:00 P.M. on July 14, and checkout time is no later than 11 A.M. on July 19.

6. Transportation to and from McCarran International Airport

Shuttle service **TO the hotel** will be provided on July 14 from 9am to 2pm. Schools arriving on other dates, or from other locales, must make their own arrangements. Shuttle service from the hotel **TO the airport** will be provided on July 19, 6am-11am. Please enter the arrival time into LAS VEGAS and departure times online, even if these hours are outside the times listed above. The hotel has a shuttle. It arrives about 20 minutes after the hour. Schools departing from other locales or other dates must make their own arrangements. If you are coming by bus, driving, etc. PLEASE enter that information as well.

7. Excursion on Wednesday We will see “The Beatles-LOVE” a Cirque du Soleil show at 7pm.

Online Registration of Participant Information

All of the following information: *participant registration, topic test registration, chalk talk participants, other contest participation sign-up, t-shirt sizes, vegetarian preferences, sponsor duties preferences, transportation information, and rooming requests* will be entered online at www.mualphatheta.org > Chapter Log In > Convention Registration. You may want to go online and see required information before submitting it. Entering participant information can be done online beginning February 1, 2019. However, remember that this does not take the place of sending your registration \$/ registration forms with payment.

You will need to accumulate the following information to register participant information online:

1. Participant registration: Last name, first name, division (sponsor, M, A, T), t-shirt size, room lists, roommate request, vegetarian requests. If anyone needs special meals, email Kim at woolfmath@aol.com.
2. Topic test registration: Total number of students taking each test.
3. Names of Chalk Talk participants and level
4. Participation in other optional contests
5. Name of Student Delegate
6. Sponsor job preferences

*****BE AWARE*** ALL ROOMING INFO MUST BE COMPLETED ONLINE BY MAY 1, AS OUR INFO HAS TO BE TURNED INTO TO THE HOTEL THE WEEK AFTER THAT. YOU WILL NOT BE ABLE TO MAKE CHANGES ONLINE AFTER MAY 1.**



COMPETITION INFORMATION

Each student is to be registered in one of the three levels defined below.

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

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

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



TYPES OF COMPETITIONS

A student *may* take a test at a higher level but NOT at a lower level.

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)—**NO Calculators**

- 30 multiple choice question written test covering all topics applicable to the level
- 60-minute time limit
- 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 death method (first missed answer).
- Trophies will be given to places 1-20 for each division.

Topic Tests. (T, A, M, O)—**NO Calculators**

- 30 multiple choice question written test.
- Descriptions of topic tests are included in this packet.
- 60-minute time limit, except History of Math which has a 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 death (first missed answer) method.
- Trophies will be given to places 1-15 for each test.

Ciphering. (T, A, M)—**NO Calculators**

- 12 open response questions administered individually.
- 3-minute time limit per question.
- Scoring - twelve points for a question answered correctly in the 1st minute, eight points in the 2nd minute, and four points for a question answered correctly in the 3rd minute. A sliding scale will be used.
- Trophies will be given to the top 20 students in each division.



Gemini (T, A, M)—***NO Calculators***

- 30 multiple choice question written test that 2 people work on together. 60-minute time limit.
- Administered to all students not in school bowl. (you must be in the school bowl if you have a 3 or 4-person team)
- 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 death (first missed answer) method.
- Singletons from different schools can form a 2-person team.
- Trophies will be given to the top 15 teams in each division.

School Bowl (T, A, M)—***NO Calculators***

- 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.
- 16 points for questions answered correctly in the 1st minute, 12 pts in the 2nd minute, 8 pts in the 3rd minute, and 4 pts in the 4th minute.
- A sliding scale will be used.

Division Awards

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

Small awards will also be given to the 4 individuals on the top 10 teams.

Interschool Test Puzzles by AoPS! — No Calculators allowed

This test will be done by all team members as well as one sponsor from the team during a one-hour time period.

- Books, computers, cell phones and other resources will not be permitted.
- Each school will be allowed to have one sponsor help.
- Trophies will be given to the top 10 schools.

Speed Math— NO Calculators (Not part of Sweepstakes)

- 15-minute test with 25 open response problems (NO **calculus** or **trig**)
- 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.
- 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.
- Students can take EITHER Mental Math or Speed Math, but not both.
- Each school can have a MAXIMUM of 3 participants (4 or more if sponsors participate)

Mental Math— NO Calculators (Not Part of Sweepstakes)

- 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.
- No erasures may be made to an answer once written.
- **Use a pen** with blue or black ink only.
- All problems require exact answers.
- You will receive 5 pts for each right answer, 1 for each question skipped, & 0 for each wrong answer
- Students can take EITHER Mental Math or Speed Math, but not both.
- Each school can have a MAXIMUM of 3 participants (4 or more if sponsors participate)

Chalk Talk: (T, A, M) Speeches will given by students on the specified topic

- Speeches will be limited to 7 minutes in length.
- Each school can have only one presenter for each level Theta, Alpha, Mu.
- Students may have no materials other than one 3 x 5 card.
- Students will turn in a 3 x 5 card listing outside references used in their talk.
- See judging form included in this packet.
- 12 people from each division will advance to the final round.
- **Mu topic – Math & Tourism**
- **Alpha topic – Math & Energy**
- **Theta topic – Math & Gambling**
- Trophies will be given to the top 12 in each division.
- Students will be writing on flip charts.

***Poster***

- Schools will create a poster at the Convention on a theme announced during the opening ceremony.
- Only the poster board supplied by the Convention may be used.
- Each school may submit only one poster.
- All other materials are the responsibility of each school.
- Markers, colored pencils, paint, etc., can be used. NO GLITTER!
- Nothing can be attached to the poster board with glue, tape or any other adhesive.
- Posters will be judged on content, relevance to theme, artistic quality and overall appearance.
- See enclosed judging sheet.
- Trophies will be given to the top 10 schools.

Sweepstakes Scoring

Sweepstakes: Trophies will be given to the top 15 schools.

The overall sweepstakes award is calculated from the scores of all tests and competitions. The sweepstakes score is calculated as follows: First a t-score is calculated for each individual competition score. A t-score is calculated using the formula $t = 10z + 50$. In this 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. For each test, the 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.

Competition	Num	% Ea	Tot. %
Division (Indiv, Bowl, Ciph) *Top 4 in M,A,T	3	15	45
Topic Tests: Top student from ea. sch. on ea. test	30	1.2	36
Interschool	1	3.5	3.5
Hustle	1	4.5	4.5
Relay	1	4.5	4.5
Poster	1	2	2
Chalk Talk: Top student in each division	3	1.5	4.5
Total Weighing Points			100%

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

* The top 4 students per school per division will be the participants in the division bowl round. The top 4 per division of each school will be determined by the sum of their individual test scores & their four ciphering scores.

*The Blue-Ribbon Awards (3 trophies) will be determined by a school's total sweepstake points divided by the number of participants from that school (minimum of 5, you may have less). This will give smaller schools a chance to win a trophy (if they do not win a sweepstakes trophy).



Topic Tests

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.

<u>Round One</u>	<u>Round Two</u>	<u>Round Three</u>
Theta-Triangles	Theta-Applications	Theta-Conics & Analytic Geom
Theta-Circles	Theta-Combinations & Probability	Theta-Logs & Exponents
Theta-Area & Volume	Theta-Equations & Inequalities	Theta-Sequence & Series
Alpha-Trigonometry	Alpha-Applications	Alpha-Sequences & Series
Alpha-Matrices & Vectors	Alpha- Equations & Inequalities	Alpha-Logs & Exponents
Alpha-Analytic Geometry	Alpha-Combinations & Probability	Alpha-Complex Numbers
Mu-Limits & Derivatives	Mu-Applications	Mu-Areas and Volumes
Mu-BC Calculus	Mu-Integration	Mu-Sequence & Series
Mu-Differential Equations	Mu-Combinatorics & Probability	Mu-Comprehensive
Open-History of Math	Open-Math in Economics	Open-Number Theory

Descriptions of Topic Tests

Calculator use – NO calculators allowed on any test or bowl.

Theta Level Tests – Tests are written at the Alg II level and may contain concepts from Alg II and/or Geo

Triangles-any topic using triangles (including special right triangles)

Circles-any topic using circles (including some conics)

Area & Volume-any Geometry topic that involves area and volume

Equations & Inequalities -elementary equations and inequalities

Theta Apps -applications of Algebra 2 and Geometry concepts

Conics & Analytic Geometry -any problem using all conic formulas and basic analytic geometry

Logs & Exponents -elementary logarithms and exponents

Combinations & Probability-problems using probability, permutations, and combinations

Sequences and Series-problems involving any type of series, including applications

Alpha Level Tests – Tests are written at the Pre-Calculus level.

Trigonometry-any topic involving the use of trigonometry

Logs & Exponents-any problem that involves the use of logarithms and/or exponents

Alpha Applications-applications of pre-calculus concepts, may include trigonometry

Analytic Geometry- basic analytic geometry, conics, alternative coordinate systems,

Sequences and Series- problems involving any type of series, including applications

Complex Numbers -any topic involving complex numbers

Matrices and Vectors- problems involving matrix operations and vector properties and operations

Equations & Inequalities -elementary equations and inequalities

Combinations & Probability-problems using probability, permutations, and combinations

Mu Level Tests – Tests are written at the Calculus level.

Limits & Derivatives—any problem relating to limits and derivatives of functions of one variable or graphs

Mu Applications—Applications of Calculus, including optimization and related rates

Areas & Volumes-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

Sequences & Series-all sequences and series topics, including calculus-based series such as Taylor series

Integration-any problem relating to integrals of one variable

BC Calculus-any topic that is on the AP Calculus BC syllabus from the AP office

Differential Equations-any question involving basic differential equations

Combinatorics & Probability-advanced problems using probability, permutations, and combinations. Some questions will require Calculus knowledge.

Limits & Derivatives-any problem relating to limits and derivatives of functions of one variable or graphs

Mu Applications-Applications of Calculus, including optimization and related rates

Math Comprehensive -these problems will cover higher level math with NO Calculus.

Open Level Tests

History of Math- the topic is open...there is no specific era or topic

Number Theory -advanced number theory, factors, primes, modulo, bases, etc

Math in Economics-these problems will cover any math topic/application that could arise in an AP micro or macro class

Gemini Tests

Gemini tests will be given during the school bowl round to students who are NOT on the school teams. These will be available to Theta, Alpha, and Mu divisions. Students will work on this test in two-person teams. Singletons may join with another school to make a 2-person team. The tests are to have the same format and content as the topic tests. This does **NOT** count towards sweepstakes.

Team Relay

Each school may have ONE Relay team-which will be comprised of 3 team members (one each from Theta, Alpha, and Mu). There will be a practice round followed by 9 rounds. 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, but each team will have a single answer sheet on which to write **answers only**. This answer sheet can be passed behind them or in front of them during the round, but they cannot talk to each other. If the student wants the answer sheet passed back up to him/her, the student can snap their fingers or tap the person in front of him/her on the back. Each question will be 6 minutes in length. Answer sheets can be submitted at the end of 2, 4, or 6 minutes but can only be submitted once. 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. Awards will be given to the top 10 teams. Individual awards will be given to each of the 3 members of the team.

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 and an additional person, you may come in and see if there are extra people so you MIGHT be able to compete.

There will be 5 rounds of 5 minutes each. The team is presented with 125 questions, color-coded by 5 math categories: Geometry, Algebra 2, Pre-Calc, Calc and Statistics. 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 a 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.

Award & Scholarship Forms Are Online at www.mualphatheta.org

Awards available are: Regional Sponsor of the Year Award due March 15, Sister Scholastica Most Committed Sponsor Award due May 15, Huneke Distinguished Sponsor Award due June 15, Rubin Chapter Award, and Governors' Leadership and Service Award for outstanding students, and the Andree Math Education Award, all due March 1.

Also see applications for Mu Alpha Theta Scholarships and the Kalin Award, due February 1!



Postmark Deadline: May 1, 2019

Payment must accompany the registration form.

Please print information clearly.

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School Name _____ Chapter ID _____

School Address _____

Contact person _____ Summer Email _____

City _____ State _____ Zip code _____

Phone _____

Important updates and information will be emailed after school is out.

All students must be registered Full or Associate members of Mu Alpha Theta.

The registration fee, \$575, is to be paid (postmarked) in full on or before May 1, 2019.

Number of students registering: (4 per room) _____ x \$ 575 = _____

Number of sponsors registering (2 per room) _____ x \$ 575 = _____

Name of Sponsor in single rooms:

_____ x \$875 = _____

Total paid _____

Make check payable to:
Mu Alpha Theta Educational Foundation
 Please note: **2019 Las Vegas Convention**

Mail to:
Mu Alpha Theta Convention
c/o University of Oklahoma
3200 Marshall Ave, 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. (4 per room only)

Participant's printed name

School

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 himself/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 three 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, drugs of any kind including alcohol or smoking materials.
- 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 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 signature and date

parent/legal guardian signature and date

This form must be sent in by May 1.

Kim Woolfenden 14220 N. Hwy 301 Thonotosassa, FL 33592

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

STUDENT Medical Release Form

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 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 _____

Include a copy of both sides of your insurance card(s).

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

(attach to page 12)

Send in by May 1.

Kim Woolfenden 14220 N. Hwy 301 Thonotosassa, FL 33592

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 _____

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 _____

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:

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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

(attach to page 12) **Send in by May 1.** Kim Woolfenden 14220 N. Hwy 301 Thonotosassa, FL 33592

NOTE: NO **SPONSOR or CHAPERONE or GUEST** WILL BE GRANTED ACCEPTANCE TO THE NATIONAL CONVENTION WITHOUT THIS SIGNED FORM ON FILE.

Medical Release Form FOR SPONSORS, CHAPERONES or GUESTS
(this MUST be notarized)

I, _____, as sponsor or guest of _____
School Name

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. 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 _____

Include a copy of both sides of your insurance card.

Also list other medical conditions, including allergies, that 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 from any liability from this endeavor.

Sponsor or Guest Signature

Date

This form must be sent in by May 1.

Kim Woolfenden 14220 N. Hwy 301 Thonotosassa, FL 33592

NOTE: NO **SPONSOR or CHAPERONE or GUEST** WILL BE GRANTED ACCEPTANCE TO THE NATIONAL CONVENTION WITHOUT THIS SIGNED FORM ON FILE.

No Medical Insurance Form FOR SPONSORS, CHAPERONES or GUESTS
(this MUST be notarized)

I, _____, as sponsor or guest of _____
School Name

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. I acknowledge all financial responsibility.

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 _____

Also list other medical conditions, including allergies, that 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 from any liability from this endeavor.

Sponsor or Guest Signature

Date

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Chalk Talk Rules/Guidelines and Judging Sheet

- I. Topics for each division are: **Mu Topic – Math and Tourism**
Alpha Topic – Math and Energy
Theta Topic – Math and Gambling

II. 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.

Students will turn in one 3” by 5” card listing outside references used in the talk. All writing materials will be provided. Only observers from the presenter’s school may observe the preliminary round, unless the presenter’s sponsor is present and the presenter and the sponsor give permission otherwise. There will be NO gestures, signals, or communication from the people watching the presentation. This will result in that school being disqualified.

III. Chalk Talk presentations will be judged on the following scale shown below

Two judges will be assigned each presentation in the preliminary round, for a total of 150 points.

IV. In the preliminary round, students may observe a chalk talk presentation ONLY of another student from the same school. The Chalk Talk Finals are open to all Convention participants. No communication from watchers!

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

CONTENT

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

PRESENTATION

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

Judges comments:

Total: _____

Poster Competition Information

- Chapters attending the annual Convention may create a poster on the theme announced at the Convention.
- All students may work as a team during this event.
- Only one poster is permitted per school.
- The poster board will be supplied by the Convention host.
- Materials used for the poster are to be supplied by each school. Nothing can be attached to the poster by using tape, glue, etc. Suggested materials are colored pencils, crayons, markers, pencil, etc.
- No glitter of any kind is to be used, including glitter pens/paints.
- Names of schools are to be written on the back, not the front, with the school ID number.
- Poster will be judged on layout, neatness, content, relation to the theme, artistic quality, and overall effect.
- A panel of judges will consist of seven sponsors/chaperones. The decision of the judges is final.
- Trophies will be awarded to the top 10 places.
- Chapters submitting posters for judging shall, at the same time, waive their rights to the Mu Alpha Theta National Office for use of images of their poster in publicizing Mu Alpha Theta in print or electronic forms. The National Office reserves the right to retain any of the posters submitted for up to one month following the annual meeting for making such images. All posters retained will be returned to their sponsoring chapter within one month following the close of the Convention.

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.

I. Content (24 points, maximum) _____ **Total points**

_____ A. Originality (8 points)

_____ B. Theme Related (8 points)

_____ C. Math Related (8 points)

II. Artistic Quality (24 points, maximum) _____ **Total points**

_____ A. Lettering/Artwork (8 points)

_____ B. Color Coordination/Design (8 points)

_____ D. Style/Layout (8 points)

III. Overall Effect (20 points, maximum) _____ **Total points**

_____ A. Attractiveness/Neatness (10 points)

_____ B. Eye Catching Design (5 points)

_____ C. WOW Factor (5 points)

Deductions: Use of unauthorized materials or attachments -10 points

School name, logo, initials or any other identifying elements on front -10 points

_____ **Total Points**
(68 maximum)

Comments on back:

TRANSFER OF SPONSORSHIP FORM

This form must be mailed with registration paperwork postmarked by May 1, 2019.

Home School Information

Name of student _____

Name of school _____

Name of principal _____ Phone (_____) _____

Sponsor's name _____

Receiving Sponsor Information

Sponsor's name _____ Chapter ID # _____

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 Mu Alpha Theta national 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 MAΘ sponsor signature

List of adults affiliated with the school that will be attending the 2019 National Convention:

FOR ANY QUESTIONS PLEASE
CONTACT

Kim Woolfenden
Woolfmth@aol.com

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☺ Tentative schedule will be out soon ☺