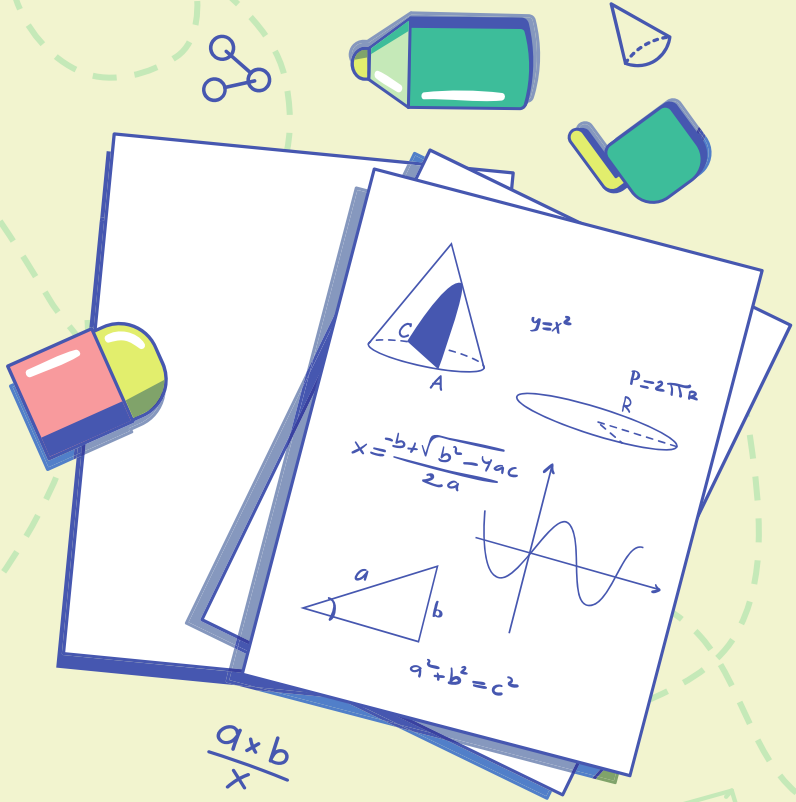
PHUHS Mu Alpha Theta Introductory Meeting

8/31/2023

What is MAO?

Mu Alpha Theta is a four-year math honors society in which those who are passionate about math can come together to practice, compete, and learn ahead of their current classes.



Mental Math Question 1

What is $2024^2 - 2023^2$

Mental Math Question 2

$$\left((1-2+3-4\ldots+97-98+99)*\frac{11!}{10!}-50\right)^2$$

Mental Math Question 3

$$6 \div 2(3 \div \frac{1}{3}) + 0!$$

Mental Math Question 4

$$\frac{10}{x.\overline{xxx}} = 1$$

Find x

In Mu Alpha Theta You Can:

01

Learn

Learn new math topics from your division at each meeting

02

Practice

Practice with others or on your own through FAMAT tests

03

Compete

Attend virtual and in person FAMAT competitions amongst other schools in the state

04

Tutor

Aid elementary, middle, and high school students in learning math

05

Scrapbook

Use your artistic talents to highlight wins and events of the season

06

Cube

Learn and Practice solving a Rubik's Cube with others

Competition Schedule

Virtual / at School

- Fall Math Madness (Sept 24-December 16)
- Fall Interschool (10/25-11/1)
- AMC 10 and 12 (11/8 and 11/14)
- Continental Math League Calculus (11/30, 2/1, 3/7, 4/18)

In-Person

- Dunbar Regional (1/27/24)
- Middleton Regional (2/3/24)
- King Statewide (2/17/24)
- Wharton Regional (3/2/24)
- State Convention (4/19/24 - 4/20/24)

Meet Your Board

Sponsor: Ms. Jankowska

Upper Board:

- President: Roshan Shah
- Vice Presidents: Prisha Sherdiwala and Taylor Trautwein
- Secretary: Nayan Shah
- Treasurer: Jack Penn

Lower Board:

- Technology Coordinator: Alexander Wojtulewski
- Competition Committee Heads: Alek Kwasny and Ayden Khalil
- Outreach Committee Heads: Noah Hall and Grace Bakke
- Sophomore Representative: Jake Phillips
- Historians: Sophia de Koter and Hannah Gipson
- Rubik's Cube Head: Amy Mikhail

Dues

Dues will be available on https://pcsb.revtrak.net/hs/palm-harbor-university-high/#/list from September 4th to 15th.

They will be 25 dollars and they include a T-Shirt.

Scrapbooking

-First meeting is 9/15

-Every other Friday in room 4-205 at 2 pm

-Members come up with and vote for the theme of each year's scrapbook

-Displays the club's activities from practices to events to competitions

-CAS hours

-At the end of the year, we submit the scrapbook to the State Convention to compete with other scrapbook divisions

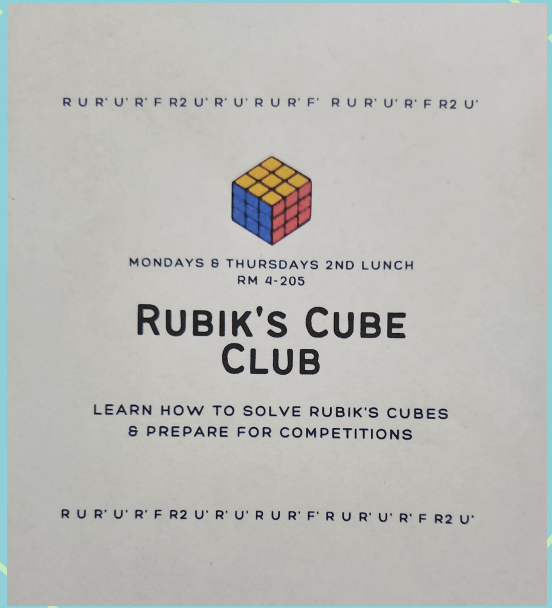
Club T-Shirt Designs

Help us design this year's club t-shirt!

- Designs can be hand-drawn but must be digitized for submission
- Designs should include club name, school acronym, and year
- Designs must be math-related
- Designs can be submitted to club email at phuhsmualphatheta@gmail.com
- Submissions are due by September 30th
- 1 pt for every quality submission (up to 3)

Rubik's Cube

- Every Monday and Thursday during second lunch
- Ms. Jankowska's Room (4-205)
- ½ point gained per meeting



Active Membership

Active+ : 45 points

-can run for upper board

Active: 35 points

-can run for lower board
-required to get chords

ALL Members are **required** to attend a in-person FAMAT Competition to be an active member.

How to earn points:

- 1pt for attending each general meeting, practices, scrapbooking, tutoring, or completing a practice test
- 1/2pt for each Rubik's cube meeting attended
- 3-5 points for attending competition
- 5-15 additional points for placing or winning at competitions
- Points will be updated at the end of the month

Attendance

Please fill out this google form to earn a point for coming to today's meeting!

https://forms.gle/r52sJdSRtyzcLaU87

Divisions and Coaches

Geometry

Thursday in Zengel (4-215)

Coaches

Roshan, Mathilda and Luke

Algebra 2

Thursday in Papamichael (4-216)

Coaches

Prisha, Srinithi and Ayden

Pre-Calculus

Thursday in Jankowska (4-205)

Coaches

Lauren, Hannah and Nico

Calculus

Thursday in Kluis (4-221)

Monday in Jankowska (4-205)

Coaches

Jack and Gabe

Statistics

Thursday in Weaver (4-207)

Coaches

Taylor and Karol