

SFBA / NorCal ARML

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Friday, April 22, 2022

Agenda

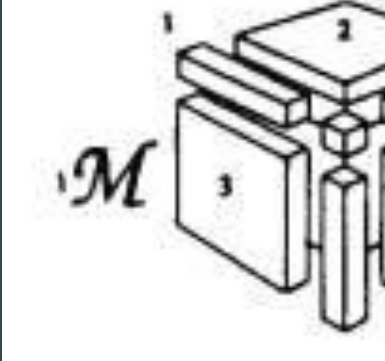
- About Us (SFBA/NorCal Team, Coaches)
- About ARML (History, Teams)
- Contest Format (Tests, Scoring)
- Logistics (This Year, Travel, Cost)
- Practices and Tryouts (Schedule)
- ARML Local (Tomorrow!)
- How to Join / Deadlines
- Q & A (Ask Us Almost Anything)
- Practice (Team Round)

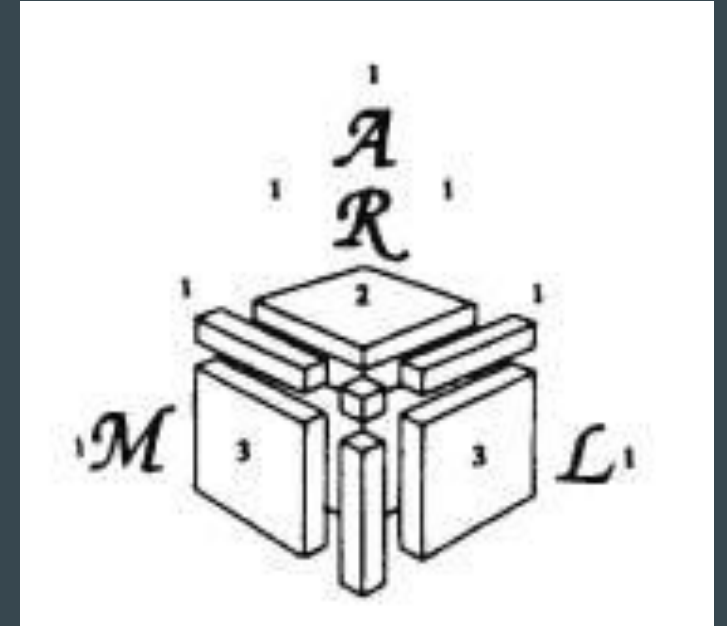
About Us

- Represent the San Francisco Bay Area and Northern California
- Two main groups: SFBA, Sac / Davis
- Coaches: Alums, Berkeley/Stanford students, mathleague.org
- 25+ years of history, 9 national championships



About ARML (History)

- American Regional Mathematics League
 - Grew from NYSML (New York State Math League)
 - First contest in 1976 as Atlantic Regions Math League
 - Became American Regions Math League in 1984
 - Added international teams in 2000s
 - Oldest and most prestigious team-oriented mathematics competition
 - Divisions = A, B, International
- 



About ARML (Teams)

- Team = 15 students, representing a “Region”
- Region = multiple states (Wild Wild West), state (Washington), part of a state (SFBA/NorCal), city (Chicago), school (TJ, Exeter)
- Region can have multiple teams
- Teams travel to a testing site for 2 days of competition
- Testing sites = Penn State; Univ of Iowa; Univ of Alabama Huntsville; **Univ of Nevada Las Vegas**

Contest Format (Tests)

- (Team) Team Round = 10 questions, 20 minutes
- (Team) Power Round = multi-part proof questions, 60 minutes
- (Team) Relay Round = 5 3-person groups, interlinked questions, 3 or 6 minutes, 2 sets of 3 questions
- (Individual) Individual Round = 10 questions, 2 at a time, 10 minutes per pair
- No Calculators
- Difficulty level = approximately mid-AMC to mid-AIME

Contest Format (Scoring)

- (Team) Team Round: 5 points per question = 50 points
- (Team) Power Round: various points per question/part = 50 points
- (Team) Relay Round: 5 or 3 points per group per question = 50 points
- (Individual) Individual Round: 1 point per question = 10 points for a student, 150 points for a team
- Team max points = 300
- Top teams usually 195-235 points (35-45 team, 40-50 power, 25-35 relay, 95-105 individual)

Logistics (Schedule)

Friday June 3 and Saturday June 4, On-Site at UNLV (Las Vegas)

- Thursday: bus (or vans) from San Jose to Las Vegas
- Friday morning / afternoon: team meeting / warm-up; lunch
- Friday evening: Power Round, Team Round
- Friday night: stay in dorms
- Saturday: breakfast, Individual Round, Relay Round, Lunch, Tiebreakers, Awards
- Saturday evening: activities
- Sunday: bus (or vans) from Las Vegas to San Jose
- Option to fly Friday morning / Saturday evening (additional cost)
- Possible option to fly Thursday evening (additional cost)

Logistics (Cost)

- \$440, which includes...
 - ARML registration fee
 - Seat on the bus to ARML
 - Dorm Thursday / Friday / Saturday night
 - Saturday breakfast/lunch
 - Team t-shirt
- Not included:
 - Other meals
 - Snacks and souvenirs
- Flight option
 - Additional cost (though we may be able to partially subsidize tickets via a small refund on the \$440 payment)

Practices (Schedule)

- SFBA: Three in-person weekend practices in May
 - Saturday or Sunday, 10am – 5pm
 - Focused on team tests: Team, Relay, (Power)
 - Do practice tests with some review/discussion
- Any leads on practice locations? Let us know!
- Sacramento: Weekly practices at UC Davis, contact sacramento.math@gmail.com for details
- <https://ocf.berkeley.edu/~moorxu/2022ARML>

Tryouts

- Everyone who wants to join will be on a team
- But we will select a few *elite* teams to compete against other top teams
- If you want to be on a elite team, we have 3 tryout opportunities (online)
 - Friday April 22, 7pm-8pm (right after this)
 - Saturday April 23, 5pm-8pm (ARML Local, tomorrow)
 - Monday April 25, 7pm-8pm
- Tryouts are not required, but they are highly recommended!

ARML Local

- Saturday April 23, 5pm-8pm (TOMORROW), on Zoom
- Official contest written by ARML
 - Team, Relay, Individual
 - Teams of 6
- Everyone is welcome, no payment required for those in our region
- Tryout opportunity
- Register:
<https://mit.zoom.us/meeting/register/tJYlc-CqqDgsGt3V6vJRJGthiystWTIaA9aW>

How to Join / Deadlines

- Complete the Information Sheet
- Pay for ARML
- Both MUST be done by April 27
- <https://mathleague.org/armlsfba.php>
- Questions? Email arml-info@lists.berkeley.edu

2022 SFBA / NorCal ARML Information Sheet

Please fill out this Information Sheet to express interest in joining the 2022 SFBA / NorCal ARML team. This Information Sheet does not commit you to attending the competition, but it is a necessary first step so we can have your information on file and follow up with you about ARML this year.

Due to the compressed timeline for registration this year, this form should be filled out as soon as possible. Students will need to complete this form and submit payment by April 27 in order to reserve a spot on the team.

Students and parents completing this form should carefully read through the information at <https://mathleague.org/armlsfba.php>, and contact arml@mathleague.org for any questions.

If you are from Wild Wild West, do not use this form. Instead, go to <https://mathleague.org/armlwww.php>.

annoyingpi@gmail.com [Switch account](#)

* Required

Email *

Your email

Personal Information

If you are a...

Student: ALL fields are mandatory

Parent or Coach: we only need name, email, gender (for roommate assignments if you travel to ARML), and t-shirt size.

Are you a... *

☐ Student

☐ Parent

Questions? (and maybe answers)

- What are you wondering about?
- What was unclear?
- Are you interested and excited?
- After this: Short mini-practice with a team round!