

Math Competition Club

Course	Dates	Schedule	Instructor
Competition Math	8/24 - 8/28	Mon. Wed. Fri 7:00 PM - 8:30 PM	Michael Cai
AMC 10A and AMC 12A	9/4 - 10/30	Friday 7:00 PM - 8:30 PM	Michael Cai
AMC 10B and AMC 10B	9/4 - 11/6	Friday 7:00 PM - 8:30 PM	Michael Cai
AMC 8	9/4/2026 - 1/15/2027	Friday 7:00 PM - 8:30 PM	Michael Cai
AIME	9/4/2026 - 1/29/2027	Friday 7:00 PM - 8:30 PM	Michael Cai

*AIME (more sessions to be added as needed depending on the official test date to be determined likely early/late February 2027)

Course description:

Math Competition Club – AMC & AIME

This class will prepare students in 6th-12th grade for math competitions, namely the AMC8/10/12 and AIME. We will learn important concepts (e.g. binomial coefficients, modular arithmetic, inscribed angles) and apply them to practice problems. Overall, we will strengthen our problem-solving skills and mathematical intuition, making this class useful beyond just math competitions.

Students will also benefit from an instructor with **firsthand experience in prestigious U.S. math competitions**, gaining practical guidance on competition preparation and effective approaches to challenging problems.

Teacher's profile

Michael Cai

Competition Instructor



Michael Cai, a current Princeton University student majoring in Mathematics. Michael is a four-time AIME qualifier, with a highest AIME score of 8. He has also participated in several prestigious mathematics competitions, including the Harvard-MIT Mathematics Tournament (HMMT), Carnegie Mellon mathematics competitions, and Stanford mathematics tournaments. Michael brings extensive experience in tutoring both competition mathematics and academic math subjects. Through this program, students will strengthen their mathematical foundations, develop creative problem-solving strategies, and build the skills and confidence needed to succeed in challenging math competitions.