

(Math) AMC 8 Preparation Class

Target Students: Students in grades 6–8 who enjoy math and problem solving and plan to participate in AMC 8 in the future.

Course Goal: Help students build confidence, strengthen problem-solving skills, and prepare for success in AMC 8 competitions.

Course Description:

This course prepares students for the AMC 8 math competition through engaging problem-solving activities and effective strategies. Students will strengthen logical thinking, mathematical reasoning, and competition skills while exploring challenging topics beyond the regular school curriculum.

Course Length: 32 sessions (a school year), 80 minutes each

Topics Covered:

- Number Theory
- Algebra
- Geometry
- Counting & Probability
- Logic and Problem-Solving Strategies

Course Features:

- Practice with real AMC 8 questions
- Focus on developing students' problem-solving skills
- Step-by-step problem-solving instruction
- Topic-by-topic review followed by full-length practice tests
- Test-taking strategies and competition tips
- Weekly homework assignments

Prerequisites:

Strong interest in mathematics and solid arithmetic skills.

Teacher Introduction:

Yujuan Yun is a certified Massachusetts high school math teacher with over 20 years of teaching experience. She has extensive experience teaching mathematics and math competition courses in both the United States and China. Over the years, many of her students have won awards in various math competitions. She is passionate about helping students develop strong problem-solving skills, mathematical thinking, and confidence in competitive mathematics.