

Our Mission

Avid Academy for Gifted Youth maximizes the intellectual potentials of gifted youth to become life-long learners and leaders for the 21st century by developing their problem solving skills.

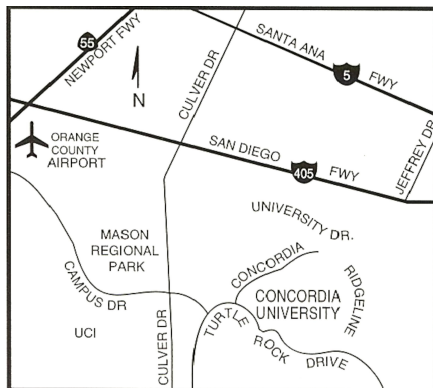
Problem solving makes SAT really easy.

- A 7th grader who scored 800 on SAT I and was awarded CTY Talent Search Merit Scholarship

Your classes are fun and challenging. My son is so excited to learn more math problem solving with his friends.

- Parent of a school math team member

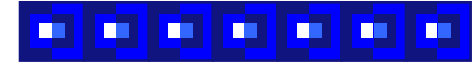
Camp Location



Concordia University
1530 Concordia West
Irvine, CA 92612



4199 Campus Drive, Suite 550, Irvine CA 92612



2006 Orange County Math Olympiad Summer Camp

Problem Solving
Competitive Math Training

Grades 6 - 8



Session A

July 10 - July 21, 2006

Session B

July 24 - August 4, 2006

12:30 PM - 3:30 PM, M-F



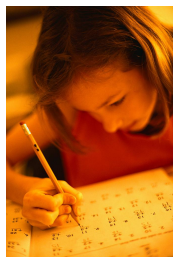
Avid Academy
for Gifted Youth

Challenge the Brilliant Mind

www.avidacademy.com

Why Problem Solving?

Why do U.S. students perform below their peers around the world while the U.S. Math Olympiad Team ranks top three in the world?



Each year, six students make the U.S. Math Olympiad team out of a quarter million competitors. All of them learned problem solving at a young age.

Why Math Olympiad?

Our program is not just another math class. We teach problem solving and competitive math. We train mathletes. To start your journey towards the Math Olympiad, we:

- teach art of problem solving with mental math, logic reasoning and communication to develop your life-long learning skills.
- supplement regular school math by filling gaps, expanding scope, and adding depth.
- explore math concepts in an intellectually stimulating and fun environment.
- invite you to join a community of gifted peers who inspire and motivate each other.
- provide you with a roadmap to succeed in math competitions.

From experience, we know that good problem solvers earn better grades, score high on SAT/AP exams, find high school classes easy, and have a better chance to attend elite colleges. The problem solving skills you learn will become one of your most valuable assets in life.

Who Should Attend?

Our camp is limited to 30 students in grades 6-8 per session. To receive personalized attention, you will be placed into small groups based on problem solving experience. If you are bright and talented, eager to explore advanced math topics, and motivated to solve challenging problems, come join other gifted students to make this summer enjoyable and meaningful.

Registration Form

Download: <http://www.avidacademy.com>

E-Mail: info@avidacademy.com

What Will You Learn?

In this middle school problem solving camp, we teach advanced topics in probability, number theory, algebra and geometry. You will improve accuracy and speed to solve problems in four different settings:

- **Countdown** – solve problems mentally.
- **Sprint** – solve problems in less than 1 minute each without using a calculator.
- **Target** – solve complex problems in 3 minutes each using a calculator.
- **Team** – solve difficult problems with a team of four students.



Typical Camp Schedule:

12:30 - 1:00 PM	Countdown/Mental Math Training
1:15 - 2:15 PM	Lecture on Probability, Number Theory, Algebra, and Geometry
2:30 - 3:30 PM	Small Group Problem Sessions, Math Games & Mock Competitions

Sample Math Problems:

1. A point E is chosen at random from within square ABCD. Express as a decimal to the nearest hundredth the probability that triangle ABE is obtuse.
2. Jan is thinking of a positive integer. Her integer has exactly 16 positive factors, two of which are 12 and 15. What is Jan's number?
3. Two circles and three straight lines lie in the same plane. If neither the circles nor the lines are coincident, what is the maximum possible number of points of intersection?

You will practice problems selected from mainstream math contests and standardized exams such as:

- MATHCOUNTS®
- MOEMS - Math Olympiad for Elementary & Middle Schools
- AMC 8, AMC 10 and AMC 12
- CAT-9, PSAT, SAT and ACT

Fees and Deadlines:

Non-Refundable Registration Fee	\$50.00
Tuition per Session	\$595.00
Book & Materials	\$45.00
Registration Deadline	May 31, 2006



4199 Campus Drive, Suite 550
Irvine, CA 92612

Phone: (949) 725-2200

Fax: (949) 496-0888

Web: www.avidacademy.com