

13th Annual



Math Contest

for Tennessee High School Students
Thursday, October 20, 2011

Presented by the Department of Mathematics of the University of Tennessee, Knoxville, and Pro2Serve® Professional Project Services Inc.

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Contest Format

I. Two-Stage FERMAT (Fundamental Exams of Remarkable Mathematical Ability and Talent) Examination

FERMAT I—All participants take this 1-hour multiple choice test. The tests are machine graded, and the 50 students with the highest scores progress to the next step.

FERMAT II—Fifty finalists take this test, composed of essay-type mathematical problems that require students to use creativity and originality to solve them. The exams are hand-graded by members of the faculty of the UT Department of Mathematics.

II. The Math Bowl

In this *GE College Bowl*-type competition, 3-member teams face off in a double-elimination tournament complete with buzzers. Teams compete in either Division 1 or Division 2 on the basis of school size (*takes place in the two periods when the FERMAT I and II exams are graded*). Division 1 and Division 2 teams will compete against one another.

Awards

10 \$4,000 Scholarships! The 10 highest scorers on the FERMAT II exam each receive a \$4000 annual scholarship for undergraduate study at UT Knoxville, along with an engraved plaque commemorating the award.

FERMAT I Awards: The 5 highest scorers on the FERMAT I exam are each awarded engraved plaques commemorating their achievement.

Math Bowl Awards: The top 2 teams in each division receive a team trophy and medals for the individual team members.

Registration deadline is October 6, 2011

Web: Visit www.math.utk.edu/MathContest to register at your convenience

Phone: Call 865-974-2461 between 8:00 a.m. and 4:00 p.m. EST to register

Some aid is available to help with lodging, travel, and bus expenses, but your teacher **MUST** apply for it by September 16.

Early registration: August 8 through September 16 (\$10 per student)

Registration: September 19 through October 6 (\$15 per student)

No on-site registration!

All fees must be received by October 6, 2011.