

AU math competition adds up to scholarships

10/10/03

The Alfred University Division of Mathematics and Computer Science will host its 35th annual Nevins High School Mathematics Competition Nov. 7. Approximately 300 students from high schools in western New York and northern Pennsylvania will come to campus on that day to tackle a set of original and challenging math problems. The top five individual scorers receive cash prizes and the number one scorer also receives a \$1000 scholarship to AU. The competition is named in honor of the late W. Varick Nevins, a professor of mathematics at Alfred from 1937 to 1967. It consists of 30 multiple choice problems which the students have 75 minutes to tackle. For anyone who wants to try their hand at one of the problems, here's a sample from last year's test: The number 30 has eight positive factors; namely, 1, 2, 3, 5, 6, 10, 15, and 30. What is the sum of all positive two-digit integers having exactly twelve positive factors? A. 0 B. 132 C. 222 D. 306 E. 402