

Math department to host 37th annual Nevins competition

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The Alfred University Division of Mathematics and Computer Science will host its 37th annual Nevins High School Mathematics Competition on Friday, Nov. 4. Approximately 300 students from high schools around 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 \$1,000 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 that the students have 75 minutes to tackle. Below is a sample question from last year's competition: A car radiator is filled to its 5.1-liter capacity with a solution of 65% antifreeze and 25% water. How much of the coolant should be drained and then replaced with pure water to reduce the concentration to the recommended level of 50% antifreeze? A. 1.25 liters B. 1.275 liters C. 1.5 liters D. 1.7 liters E. 2.55 liters