

From the desk of
Dr. Titu Andreescu, AwesomeMath Director

October 12, 2008

Dear math enthusiasts,

For three years in a row, more than a 120 pre-college students (6th grade through 12th grade) from countries around the world spent part of their summer learning complex mathematical formulas and improving their problem solving skills at the University of Texas at Dallas (UTD). They were attending the AwesomeMath Summer Program (AMSP), a competitive and highly-intensive three week program. In the past, participants came from all across US and Canada, as well as from China, Romania, Saudi Arabia, South Korea, Taiwan, Thailand, and Turkey.

The growing popularity of AwesomeMath is attributed to the preparation students get to compete successfully at mathematics contests such as AMC 8, AMC 10, AIME, USAMO and IMO and to the fact that AwesomeMath provides an excellent environment to meet mathematics professors and other students sharing the same passion for the subject. “The three weeks I spent at AwesomeMath were the most productive ones in my life. I learned so many different topics which I never even knew existed before. The teachers were some of the top-notch professors and former Olympiad winners from all over the globe. Their accents and names are as exotic as the problems and skills they taught me! The mentors at the camp were the coolest on the planet. They were all high achievers and former USAMO/IMO participants...”, said Anupa Murali from Concord, New Hampshire.

The AMSP teaching is done by renowned professors with national and international experience, emphasizing the importance of problem solving, and by mentors and assistants who are students at prestigious universities such as MIT, Harvard, Princeton, etc. To get more detailed information about this prestigious summer camp and see the professors’ credentials please visit: www.awesomemath.org

AwesomeMath also includes an year-round program. It is a correspondence mathematical training containing six segments spread throughout the school year (one segment is distributed to students every two months). Each segment is structured around an important mathematical concept and consists of lecture notes, problems with solutions, and assigned problems. Students solve as many problems as they can and submit their solutions for grading and feedback. Please visit www.awesomemath.org/yearround.shtml to see the topics for this year and get enrolled in the program.

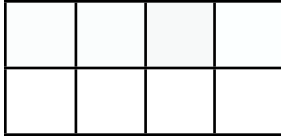
Last but not least, we invite everyone to take a look at a new published mathematics book, a must for the bookshelf of every student interested in succeeding at mathematical competitions to the highest level. It is entitled “Problems from the Book”, by Dr. Titu Andreescu and Gabriel Dospinescu. You can find it at www.awesomemath.org/problems-book.shtml

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Here are three problems for you to work on:

Elementary:

Remove six of the 22 toothpicks below to obtain four squares.



Middle School:

In the addition below, each letter represents a different digit of the decimal system. No word may start with zero. Find the value of each letter.

$$\begin{array}{r} \text{FIVE} \\ + \text{FIVE} \\ \hline \text{EVEN} \end{array}$$

High School:

Each angle of a polygon is equal to k degrees, where k is a whole number. How many different values are possible for k ?

You may get in touch with us at 214-549-6146 (or 214-549-7880) for any questions. You can also email me at tandreescu@gmail.com

Sincerely yours,

Dr. Titu Andreescu

University of Texas at Dallas