

University of Kentucky High School Mathematics Day  
General Information

The Department of Mathematics and the College of Engineering will host a half-day of activities for high school students with an interest in mathematics. The day will include an individual problem solving competition. The problems are not easy, but they will be accessible to students who have studied algebra and geometry and many will only require a good command of arithmetic. Prizes will be awarded to top individuals and schools.

The rest of the day will include presentations and activities by UK faculty and students to introduce our guests to some interesting areas of mathematics.

The event is scheduled from 10:00am to 2:00pm on Saturday, October 17 on the University of Kentucky campus and will include pizza for lunch. Activities will take place in the Raymond Student Commons in the Ralph G. Anderson Building.

We request that individuals or schools pre-register students that will attend. There is no registration fee, but spaces are limited. Please return completed registration forms by Friday, 2 October 2008 to:

Russell Brown  
Department of Mathematics  
Patterson Office Tower 715  
University of Kentucky  
Lexington, KY 40506-0027

More information may be found at

<http://www.math.uky.edu/outreach/mathday/>

Please contact Russell Brown, [russell.brown@uky.edu](mailto:russell.brown@uky.edu) or +1 859 257 3951 for more information.

#### Tentative Schedule

9:30 am, Check in  
10:00 am, CATS\* problem solving competition  
11:00 am, Mathematics and Magic  
12 noon, Pizza Lunch  
12:45 pm, Hands on activities, tour of Engineering Labs  
1:45 pm, Wrap up, recognition of CATS participants

\*CATS stands for CATS are top solvers

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Registration form

Students may register as individuals or as a school group. Please give the following information.

School Name:

Address:

City, State, Zip:

Sponsoring teacher or parent:

Telephone:

e-mail address to confirm registration:

Teachers are invited to join their students for the day.

List participating students. Use additional pages, if necessary. We will award prizes to boys and girls and by grade level.

	Name	Grade	Male or female
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
12.			