

Brigham Young University Department of Mathematics Second Annual Mathematics Contest

Saturday, March 24, 2007

1. The contest is open to any enrolled undergraduate student at BYU, regardless of major.
2. The contest will consist of a morning session (9-11 AM) and an afternoon session (1-3 PM), in each of which the contestants will answer five mathematical questions of varying difficulty.
3. Prizes will be awarded at the math department student recognition dinner.

Cash Prizes

First Place:	\$500
Second Place:	\$200
Third Place:	\$100
Fourth Place:	\$50
Fifth Place:	\$25

Sample Question

Two-hundred students took an exam with six questions. Every question was correctly answered by at least 120 students. Prove that there must be a pair of students, such that every question was correctly answered by at least one student of the pair.

Problems for the math contest are taken from all areas of undergraduate mathematics. They generally do not require deep knowledge of advanced topics, but can often be solved by a clever Freshman. In 2006, the first place winner of the contest was a Freshman!

To sign up, send your name, Route Y ID, and e-mail address to mathcontest@byu.edu. For more information about the contest, contact Dr. Darrin Doud, 314 TMCB, or visit www.math.byu.edu/~doud/Contest.html.