

I U P U I

MATH CLUB TEASER #67

September 30, 2011
(due October 7, 2011)

The inveigler Professor Zerep wants to propose you the following game:

Choose your favorite number from 1 to 6, and throw three dice. For every die that shows your number you will get paid \$1. The wager fee is \$1.



How much do you expect to win per game in the long run?

The IUPUI Math Club invites everybody to submit solutions to its weekly recreational mathematics problem. Interested individuals and teams of up to four participants can submit written solutions. At the end of the semester, prizes will be distributed among the IUPUI undergraduate teams that submit the most correct solutions. Solutions are due one week after each problem is posted, and should be faxed to (317) 274-3460, dropped off in person at LD 270, or sent by campus or U.S. mail to:

Math Club Teaser
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