

**I U P U I**  
**MATH CLUB TEASER #5**

October 31, 2008  
(due November 7, 2008)

**Compete on December 5 in the first annual**

MATHLETIC COMPETITION

**PRIZES! FUN!**

**The registration form is available on the Math  
Club website (see below).**

The wayfaring Professor Zerep is lost in the middle of the Sierpiński Forest. As the Sun begins to set, the Professor reaches a clearing where Blair and Jason are preparing to start a fire. Blair has five logs and Jason has three, but the Professor, having no wood, offers \$8 for an equal share of the fire.

Before the three travelers separate, Blair and Jason split the money. How much should each get?

The IUPUI Math Club invites everybody to submit solutions to its weekly recreational mathematics problem. Interested individuals and teams of up to four participants must submit a cover sheet (available at [jagmath.usg.iupui.edu](http://jagmath.usg.iupui.edu)) together with their written solution. At the end of the semester, every IUPUI student that sent a correct solution will receive a certificate of merit. 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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