

I U P U I  
MATH CLUB TEASER #68

October 7, 2011  
(due October 14, 2011)

Boris and Natasha started walking at daybreak, each walking at a constant speed. Boris went from A to B, while Natasha went from B to A; they met at noon and continued without stopping. Eventually, Boris arrived at B at 4 p.m. and Natasha at A at 9 p.m.

At what time did the sun come out on this day?

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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