

I U P U I
MATH CLUB TEASER #30

October 9, 2009
(due October 16, 2009)

Row, row, row your boat across Noether River; but be careful with your belongings! You have a trusty dog, a hungry cat, a hungry hen, and a bag of grain. Your boat can carry you and one item (animal or grain). The cat cannot be left with the dog or the hen, but the hen can be left with the grain provided that the dog is present, because the dog will take care of the grain without eating the hen.

How will you cross? Hurry up, because life is but a dream.

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) 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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