

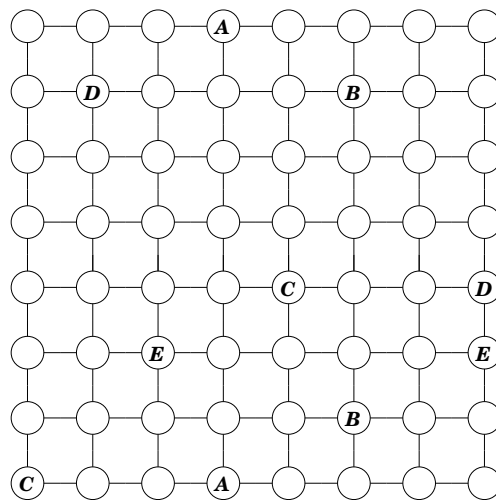
I U P U I

MATH CLUB TEASER #13

February 20, 2009
(due February 27, 2009)

The perambulating Professor Zerep is planning a tour of Abelian County. There are 5 historical twin towns, so the Professor wants to make five different trips, each connecting a pair of towns. The first path will go from A to A , the second path will go from B to B , the third path will go from C to C , the fourth path will go from D to D , and the fifth path will go from E to E . The catch is to do this so that no path crosses another.

Can you help the Professor?



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
 Dept. of Mathematical Sciences
 IUPUI, LD-270
 402 N. Blackford Street
 Indianapolis, IN 46202