

I U P U I
MATH CLUB TEASER #52

November 5, 2010
(due November 12, 2010)

Holomorphic Charts is a small company that publishes a variety of interesting maps. They are about to release their new road atlas, with 8 maps printed on one large sheet of paper:

1	8	7	4
2	3	6	5

Unfortunately, the printer went berserk and printed the maps out of order, so the chief of folding resources cannot find the proper way to fold the atlases.

Your task is to help them find a way of folding the atlas into a square packet, so that the maps appear in numerical order from 1 to 8 with number 1 on top (It is ok if some maps end upside down or sideways).

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:

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