

I U P U I
MATH CLUB TEASER #36

November 20, 2009
(due December 1, 2009)

Miles is bored, so Squanto shows him the following problem:

- There are several statements written in this card; some are true and some are false.
- Which ones?
- Well... That is what you must find out. Which statements are true, and which are false?

- (1) There are no false statements in this card.
- (2) There is exactly one false statement in this card.
- (3) There are exactly two false statements in this card.
- (4) There are exactly three false statements in this card.
- (5) There are exactly four false statements in this card.
- (6) There are exactly five false statements in this card.

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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