

I U P U I

MATH CLUB TEASER #64

September 2, 2011
(due September 9, 2011)

Thirteen candidates applied for jobs in a firm. The exam had only five questions, each with a Yes/No answer.



No two candidates had the same sequence of answers in all five questions; however, the top six had the same number of correct answers and were all hired.

Three of those who were not hired had these answer sequences:

- No, No, Yes, No, No
- Yes, No, No, Yes, Yes
- Yes, Yes, Yes, No, Yes

What was the correct sequence of answers?

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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