

I U P U I  
MATH CLUB TEASER #56

February 18, 2011  
(due February 25, 2011)

Use all the digits from 1 to 9 to fill the nine \* so that the product and the sum below are correct:

$$\begin{array}{r} \times \quad * * \\ \hline * * * \\ + \quad * * \\ \hline * * \end{array}$$

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