

I U P U I
MATH CLUB TEASER #66

September 23, 2011
(due September 30, 2011)

Agatha put an internet order for 7 small bags and 18 large bags of identical marbles. When the shipment came, she found that the bags had opened, and all 233 marbles were loose.

How many marbles go in each of the small bags and how many in each of the large bags?

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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