

Barge Problem #3

Pass or fail

BIG NEWS: All Lafayette courses are now Pass/Fail! Unfortunately, there was a major snafu in sending out the Pass/Fail grades for Math 101 last term! Each of the $2n$ students in this class received the grades (with names) for everyone else minus their own!! Does there exist a strategy, that if followed by all students in Math 101, allows at least half of the class to guess their own grade correctly? (You may assume that the class agrees on a strategy before the grades are released.)

Due by 6am on Saturday, February 25th. *Neatly* written or typed submissions may be emailed to bloomjs@lafayette.edu.