MATH PROBLEM OF THE WEEK

Fall 2024

Problem 3

Show that at any party there are two people who have the same number of friends at the party. (Assume that all friendships are mutual.)

We welcome solutions from everyone. The undergraduate participant from the NMSU main campus with the most correct solutions at the end of the semester will receive an award of $500.

Solutions must be mathematically rigorous and originally obtained by the participants. Participants will be notified if their solutions are correct within a week.

Deadline: Monday, October 14, 10 am

Next problem will be posted on October 14

Send solutions to: mathpotw@nmsu.edu

More information at: https://math.nmsu.edu/activities/math-problem-of-the-week.html