

# Pi Mu Epsilon Problem of the Month

## March 2025

Dawn, Tina, and Natelie played table tennis. Since there was only one table and two paddles, they decided that whoever loses a game steps out for the next game to let the other person in. The players of the first game were chosen randomly. By the end of their session, Dawn played 17 games, Tina played 15 games and Natelie played 10 games. Who lost the second game?

Problem of the Month Rules:

- ⌘ Submissions must include a complete mathematical or logical justification along with the answer.
- ⌘ Submissions may only be made by individuals, or groups of two, and must be dated.
- ⌘ Due date: March 27, 2025, before 5 p.m. to Dr. Phillip Poplin, Dr. David Shoenthal, Dr. Steven Hoehner, or Dr. Jeff Ledford.

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