Pi Mu Epsilon Problem of the Month
November 2021

A student removes two randomly chosen letters of the message
LONGWOOD LANCERS that is attached to a bulletin board. The
student's friend puts those two letters back in random order. What is
the probability that LONGWOOD LANCERS appears again?

Problem of the Month Rules:
- ⌘ Submissions must include a complete mathematical justification along with the answer.
- ⌘ Submissions may only be made by individuals or groups of two and must be dated.
- ⌘ Due date: November 29, 2021 before 5 p.m. to one of Drs. Poplin, Shoenthal, Ledford, or Hoehner.

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