



MATH PROBLEM OF THE WEEK

Spring 2022

Problem 3

A 5×25 sheet of paper is folded along a straight line so that two diagonally opposite vertices meet, and a pentagon is formed. Find the area of this pentagon.

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, March 14, 10 am

Send solutions to: mathpotw@nmsu.edu

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