

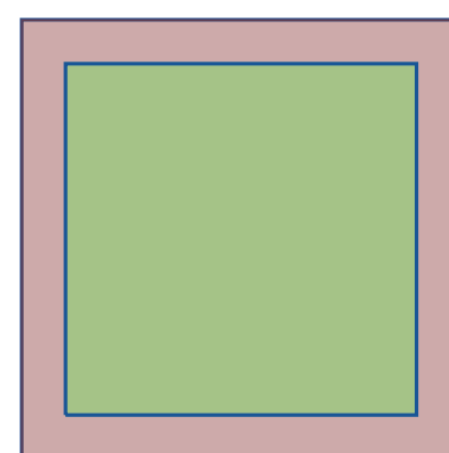


# MATH PROBLEM OF THE WEEK

## Fall 2025

### Problem 1

A square walkway surrounding a square garden with side length of 6 feet is 1 foot wide. What is the area of the walkway?



**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, September 29, 10 am**

Next problem will be posted on September 29

**Send solutions to: [mathpotw@nmsu.edu](mailto:mathpotw@nmsu.edu)**

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