

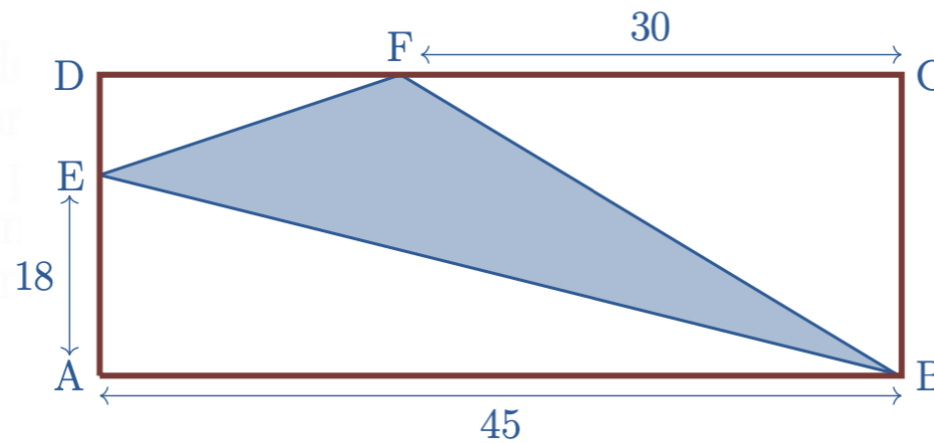


MATH PROBLEM OF THE WEEK

Spring 2023

Problem 1

Find the area of the triangle $\triangle BEF$ if the area of the rectangle $ABCD = 1350$.



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, February 27, 10 am

Next problem will be posted on February 27

Send solutions to: mathpotw@nmsu.edu

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