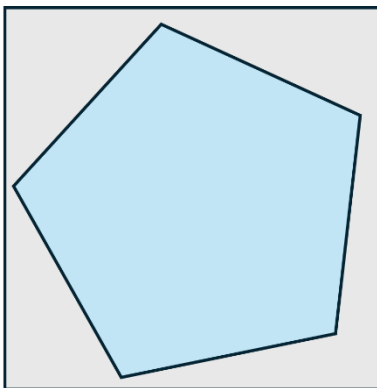
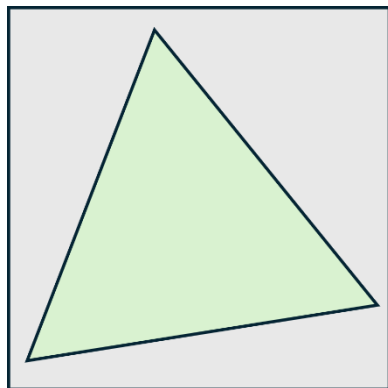


# UC Merced Applied Math Problem of the Month

February 2026

What is the largest area of a regular triangle that can fit inside a unit square?  
How about a regular pentagon?



To submit your solutions for a chance to win an Amazon gift card, and to find out detailed contest rules,

- scan the QR code, or
- go to <https://bit.ly/UCM-POTM>

