UNL Math Challenge

- All UNL undergraduate students are eligible to participate in the UNL Math Challenge.

- Solution should be sent to Dr. Tri Lai at `tlai3@unl.edu` by **Friday, October 22, 2021**.

- The winner will receive a prize equivalent to a dozen of donuts!

- Please indicate your name and student ID on the first page of your solution.

<u>Problem 2.</u> Consider an $m \times n$ rectangle with $m \leq n$. Is it possible to cut this rectangle into smaller rectangles, such that the sum of the smallest dimensions of each smaller rectangle is less than m?