

Week #9 Fall 2023



Problem of the Week



You are playing a game with dice. Each time you roll the dice, you are allowed to use the rolled numbers in a mathematical expression to earn points. You may use any operation (addition, subtraction, division, multiplication), use the numbers as exponents, and use grouping with parentheses. The goal is to get as close to 100 without going over. If you roll the roll above, how close can you get?

Undergraduates may submit solutions to the Mathematics Department office, 1150 FAB **or** by email to mathpow@wayne.edu by noon 11/28/2023. Include your name, ID number, and whether you have completed Math 2030 (or higher). For more information go to <https://clas.wayne.edu/math>. Solutions will be posted online and throughout the math department after the deadline.