

Week #6 Winter 2022

# Problem of the Week



You and two other friends have purchased a 90 ounce pitcher of suds (90 ounces fills the pitcher to the brim). Unfortunately you were sent with three different sized cups. One holds 50 ounces, one holds 40 ounces and one holds 20 ounces. How could you distribute the suds evenly without spilling a drop?

Undergraduates may submit solutions to the Mathematics Department office, 1150 FAB **or** by email to [waynepotw@gmail.com](mailto:waynepotw@gmail.com) by noon 3/29/2022. 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.