Problem
of the Week

A quarter weighs 5.67 grams, a dime weighs 2.268 grams, a nickel weighs 5 grams and a penny weighs 2.5 grams. What is the smallest amount of money that could be in a jar of coins if the coins weigh a total of 126.416 grams?

Undergraduates may submit solutions to the Mathematics Department office, 1150 FAB **or** by email to mathpow@wayne.edu by noon 10/17/2023. 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.