Step 1: Think of a two digit number
Step 2: Add the digits of your number together
Step 3: Subtract the sum you got in step 2 from your original number in step 1
Step 4: Double your new number (from step 3)
Step 5: Divide your new number (from step 4) by 3
Step 6: Divide your new number (from step 5) by 3
Step 7: Divide your new number (from step 6) by the tens digit of your original number (from step 1)
Step 8: For this week’s problem, tell me how I knew you would end with 2.

Undergraduates may submit solutions to the Mathematics Department office, 1150 FAB or by email to waynepotw@gmail.com by noon 4/19/2022. 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.