

Week #4 Fall 2022

# Problem of the Week



There are four students who decided to hold a race each month for the past three months. The freshman, who came in last during the July race, came in behind the sophomore during the August race. The sophomore won the September race but came behind the Junior during the July race. The Junior won the August race. How did the Senior do in all three races if no student placed in the same spot for any two races?

Undergraduates may submit solutions to the Mathematics Department office, 1150 FAB **or** by email to [waynepotw@gmail.com](mailto:waynepotw@gmail.com) by noon 10/18/2022. 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.