

Week #6 Fall 2022

Problem of the Week



Your boss asked you to pick up his son from a Halloween party. Unfortunately, you don't know which kid he is because all the kids are dressed up. You have narrowed it down to either the mummy, the pirate, or the ghost. Two of them are liars and one of them is honest. The ghost tells you that he is not your boss's son. The pirate tells you that the mummy is your boss's son, and the mummy tells you that the pirate is not telling the truth. Which of these little monsters is actually your boss's son?

Undergraduates may submit solutions to the Mathematics Department office, 1150 FAB **or** by email to waynepotw@gmail.com by noon 11/1/2022. 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.