

Week #8 Winter 2024



Problem of the Week



A vendor can place 16 large boxes or 20 small boxes into a carton for shipping. In one shipment, she sent a total of 182 boxes. If there are more large boxes than small boxes, how many cartons did she ship?

Undergraduates may submit solutions to the Mathematics Department office, 1150 FAB **or** by email to mathpow@wayne.edu by noon 3/26/2024. 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.