

SMC Department of Mathematics
Problem of the Week

Deadline: Monday April 27th

Multiples of 11: You are given a special set of numbers that contains all three-digit positive integers that are palindromes. What is the probability that any three-digit palindrome is also a multiple of eleven?

Prize: The first person to submit a correct solution to Rena Levitt (Galileo 108B) will have their choice of many fine mathematical prizes. In addition, the person with the most correct submissions this semester will receive a prize at the end of the semester. The final deadline for submission is noon on Monday, Monday April 27th. Good Luck!