Wednesday Challenge Form

Group Members: Edgar, Carlos, and Andrew

Problem Statement: Using 10 candy corns and a blank piece of 8.5" * 11" printer paper, figure out exactly how many candy corns, standing upward, will cover the entire paper.

Approach: My team and I first decided to calculate the answer using centimeters by measuring the length and width of one candy corn and the length and width of the paper, pair up the candy corn width with the paper width and do the same with the lengths, and divide the paper's measurements by the candy corn's measurement. We got over seven hundred candy corns the first time and exactly seven hundred candy corns the second time. We realized that this seems too high of a number, so we decided to do the same calculations using inches instead of centimeters, and we got 493 candy corns, which we thought seemed a reasonable answer.

Solution: The actual number was 497 candy corns, and Maddie's team won with a number of 496 candies.

Lessons Learned: We could have more precisely measure the width and length of the candy corn in inches.