Date:10-26-16

Wednesday Challenge Form

Group Members: Sona, Jess, Jon

Problem Statement: 8.5 in. x 11 in. paper and 10 candy corns are handed out to each team to count how many candy corns will be needed to fill up the paper completely with the candy corns.

Approach: First, we measured the length and width of the candy corns and how many of them will be needed on each side. The dimension of the candy corn was approximately ½ in. x In our calculation, 17 and 22 candy corns were needed on each sides. Since we had to find the total number of candy corns needed to fill up the paper, we multiplied the numbers together and got the answer of 748 candy corns.

Solution: The other teams also had the similar method to calculate with different numbers. The winning team's number was 496 and it was only off by 1 candy corn. Their method was to take a picture of the example shown and calculated to make sure.

Lessons Learned: If I would do this challenge again, I would make sure if I have correctly calculated the dimensions of the each materials with a correct equation to solve it.