

Date:9/3/14

Wednesday Challenge Form

Group Members: Ara Ryan David Jason

Problem Statement: Estimate how many candy

Corn pieces are on an 8.5x11 piece of paper.

Approach: We decided a two pronged approach

To decide how many pieces of candy corn. David and I decided to do a Mathematical model while Ryan and Jason decided to measure out Individually the length of each piece of candy corn directly on the piece Of paper. David and my model yielded an answer of around 490 pieces Of candy corn. Ryan and Jason's measurement yielded an answer of 510 pieces of candy. We decided to average the number of the two Measurements to 500 pieces of candy. In retrospect we probably Should have accounted the mathematical model more than the estimate Because the actual number of candy corn pieces was 493. Our absolute Value is 7.

Solution: The winning group had a measurement Of 496 which was 3 off of the target 493

Lessons Learned: Rely on both mathematical and Measured estimates.