

Date: 4/5/17

Wednesday Challenge Form

Group Members: Alvin, Connor, Erin, Keilah

Problem Statement: Using a circle or circular object, derive pi. The winning group is the one that gets the closest to the actual value of pi.

Approach: Our team chose one of the glue containers due to the fact that the lids were able to be twisted without it coming loose or getting tighter. We ended up with 3.1414791, which gave us a percent error of about .0000036%.

Solution: Every team except for the winning team were disqualified because we didn't use proper significant figures.

Lessons Learned: Even if you have a long decimal number, it is only accurate to the amount of significant figures.