

Date:

Wednesday Challenge Form

Group Members: Ara Kyle Nick

Problem Statement: measure the circumference and diameter of an object and find the value pi with those values.

Approach: We decided to use the skateboard wheels to measure the circumference and the diameter. We used measuring tape to measure both values. When we divided we got 3.15. Our diameter was $2\frac{3}{4}$ and our circumference was $8\frac{11}{16}$. I would have calculated the area of a disk by measuring the volume that it has and dividing by the height but it was too complicated.

Solution: we got a ratio of 3.15

Lessons Learned: I now value all of the values we use in math.