Date: 11/9/16

Wednesday Challenge Form

Group Members: Malik, Derek, Edgar, and myself

Problem Statement: This challenge had three parts the first being to decide Whether or not the bag of nuts and bolts Dr. Neat gave us was equal on weight to the kilogram Weight we were given. The second part of the challenge was to decide on what the ratio was Between the weight and the bag. Finally we had to use the scale to find the actual ratio and Come up with a statement about how to use it.

Approach: We first held the bag and the weight in each hand and quickly Came to the conclusion that they didn't weigh even close to the same amount. After that we borrowed a few bags from the other groups and added them on Until we had enough that it weighed about the same as the weight. It took about Four bags so our ratio was ¼. Next we went over to the scale and because we Were timed and spent all of that time fooling with the scale we didn't manage to Get a real number. We did however come up with a statement on how to use the Scale which was that it worked by equaling the weight on both sides of the scale By slowly added more weight to the side opposite what you are weighing.

Solution: Tyler's group won and this was due To the fact that he was the only one who spoke.

Lessons Learned: I learned the very valuable Lesson that you should always speak what you know.