

Wednesday Challenge Form

Group Members: Garen, Evan, Zach, ME

Problem Statement: Identify a viable ratio between two random objects given to our group by Dr. Neato. Learn how to use a scale and what makes a scale a scale.

Approach: We found an object that had roughly the weight of half a kg. We used that to help us compare the weights of the two random objects. One object was a weight, the other were nuts, bolts, and screws in a plastic bag. Both had the label of 1 KG. We compared other items to it and thought that the bolts to the weight was a ratio of 1:6. Next we went to the scale and measured both objects. One was 1013 grams and the other was like 247 grams.

Solution: The ratio was 1:4. One side of the scale was 4 times the other side. Tyler's group won because he was the only one who explained himself.

Lessons Learned: We should probably explain ourselves next time.