

Wednesday Challenge Form

Group Members: Sona, Lucas and John

Problem Statement: A bag of 1kg bolts and a weight are given to each team to find the ratio between those two without using a scale balance.

Approach: John passed out the bags of bolts to each team so they can compare the weight of it to find the ratio. Lucas helped the teams to use the scale balance correctly to make sure everyone know how measure the weight to find out what the answer. I recorded the answers that each team concluded as their final.

Solution: The scale balance works as the distance changes to move the amount of weight added. Tyler's team won the challenge by correctly explaining the concept of the scale.

Lessons Learned: If I would participate in this challenge, I would borrow of other team's bag of bolts to estimate the weight.