

Wednesday Challenge Form

Group Members: (Mega Team)

Problem Statement: Using three straws, construct a perfect 90 degree angle/right angle. The winning team is the one that's angle is exactly 90 degrees or closest to exactly 90 degrees.

Approach: Several students in the class suggested that it would be best if the whole class was one team, which Mr. Miller allowed, so that everyone would win no matter the angle we received. However, some people formed their own groups, but me and several other students I was working with decided to join the Mega team. However, the several students I was working with and I were the ones who created the angle we would give to Mr. Miller to measure. We did this by creating a right triangle with the three straws and taped the corners, including the right angle corner.

Solution: “The Dodgers” team won.

Lessons Learned: Tape is not good for connecting the straws because it was moved by Mr. Miller’s measuring tool.