

Date:

Wednesday Challenge Form

Group Members: Justin, Kirk, Shaunt

Problem Statement:

Cut a block to make it EXACTLY two inches in length. You can only use hand tools. We did this twice and the second time a different person had to cut the block.

Approach:

Our approach was to first measure two inches on the block and then draw a line where that measurement was. We would cut on that line a little, but give it a little slack so we could sand down the rest. First we all contributed to cutting the block and we got extremely close, .07" away on all corners. The second block, Justin cut and we got .02" away, so we were even more consistent.

Solution:

We cut the block but left a little slack so we could sand down the rest to make it more exact.

Lessons Learned:

Consistency is very important. The challenge also helped us with teamwork and precision.