

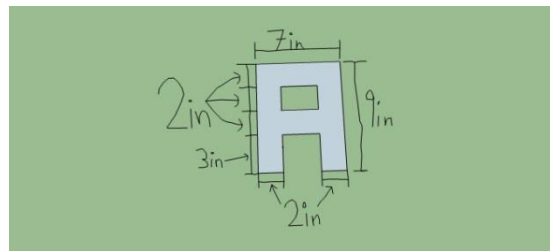
Wednesday Challenge Form

Group Members: Edgar and Andrew

Problem Statement: Make a SketchUp of a cardboard A for another group to cut out. Make the SketchUp easy to follow. Afterwards, cut out a cardboard A out of another group's SketchUp of an A.

Approach: First we brainstormed some ideas for the A. We decided to make the A out of straight edges and rectangles to make it easier to cut out and easier to measure. Here is a picture of our SketchUp:

As you can see, we added dimensions as well to make it easier to cut out. We also cut out



another group's design as best as we could, however it was a slanted A and that made it hard to cut out.

Solution: My group was in 7th place with a score of 9.8346. The winner had a slanted A and had the least difference between the measurements of the physical product and the CAD.

Lessons Learned: If I were to do this again I would have made the A we designed three-dimensional in order to make it as close to the cardboard cutout as possible.