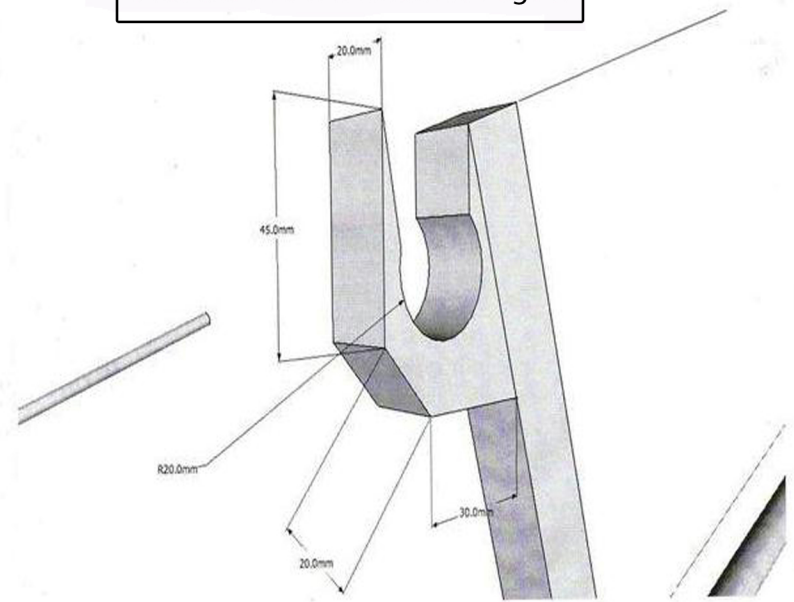
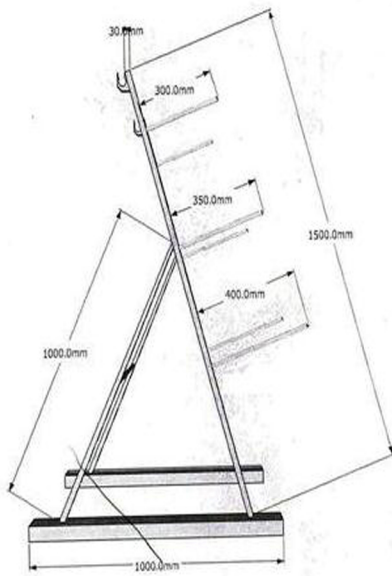


5



6



Another look at Research 3 gave me the idea to put hooks on the back for my bench press bar. My first mock up made me realise I only wanted access from one side—so it could go in the corner and take up less space. This kept dad happy. I also modified my design so I didn't have to bend like in Research 4. Also so that it can be flexible in what weights can be stored.

7

I got some polystyrene and used a hot wire to get bits that were the same thickness as my weights. I then cut out circles the same diameter as my weights. I placed these on my model to make sure the bars were spaced out right so that all my weights would fit. They did.

8

I wanted to make sure the rack would fit in the area it was intended for properly this time. I took my new mockup home and placed it in the corner of the shed.

I found that it fits there well and doesn't stick out so no one will get hurt, it sits stable on the floor, I can reach the top rack ok, I no longer am trying to get weights off a side that is up against the wall, I can easily get the weights off—all specifications in my brief. And dad said its OK sitting there in his shed.

9