

The logo consists of three vertical bars of increasing height from left to right, colored yellow, red, and blue.

ProBUILD

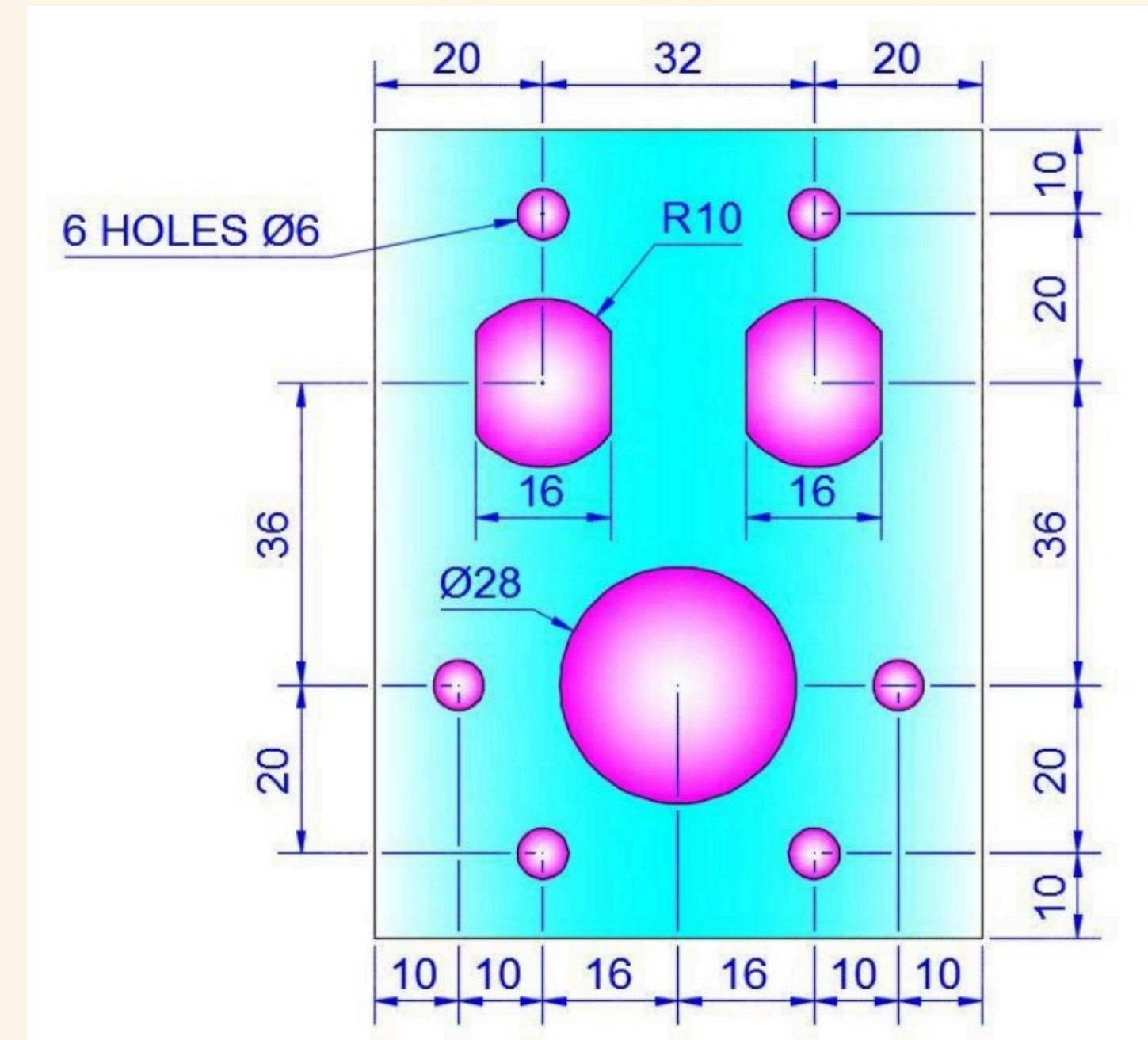
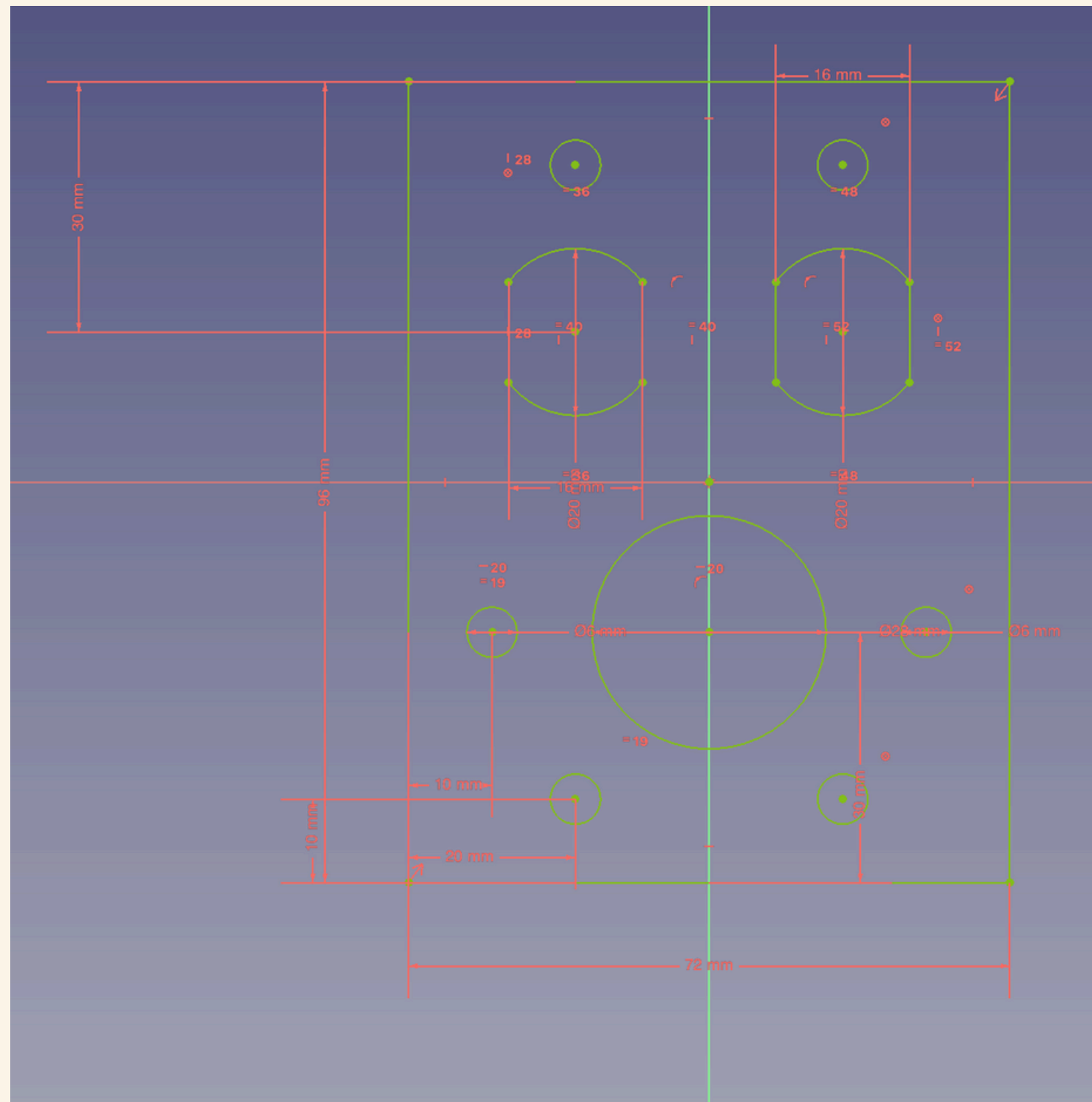
Week 1



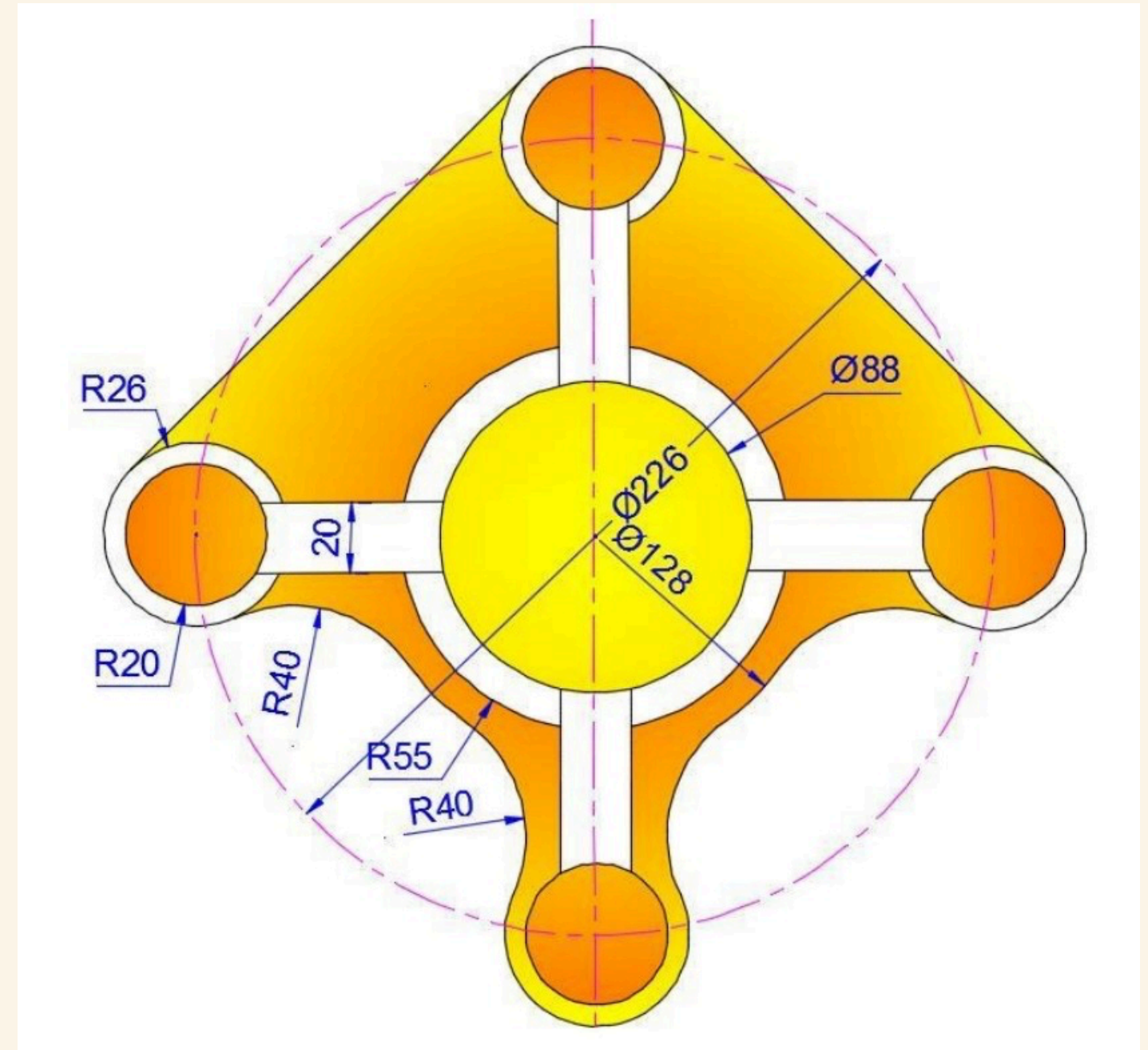
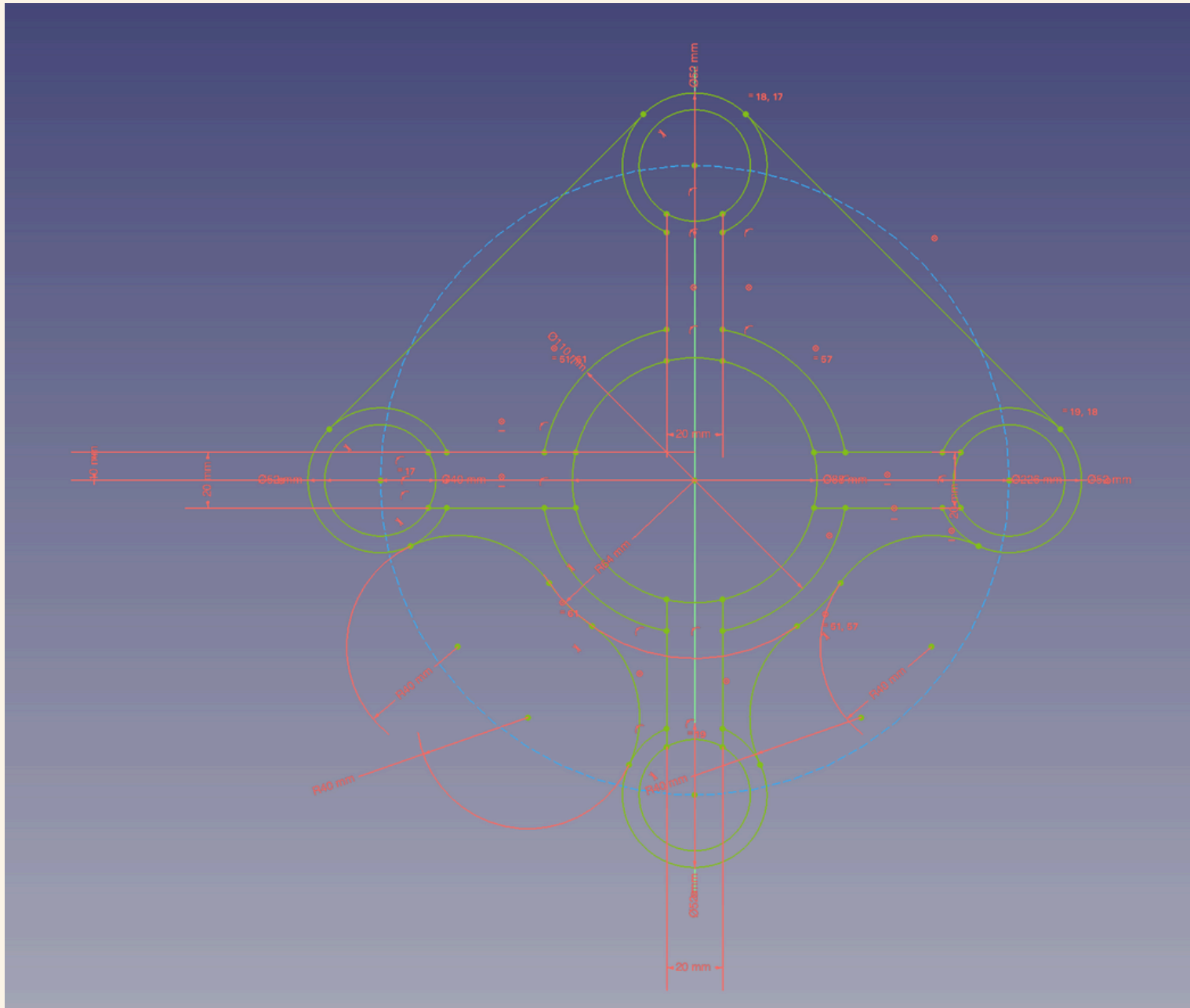
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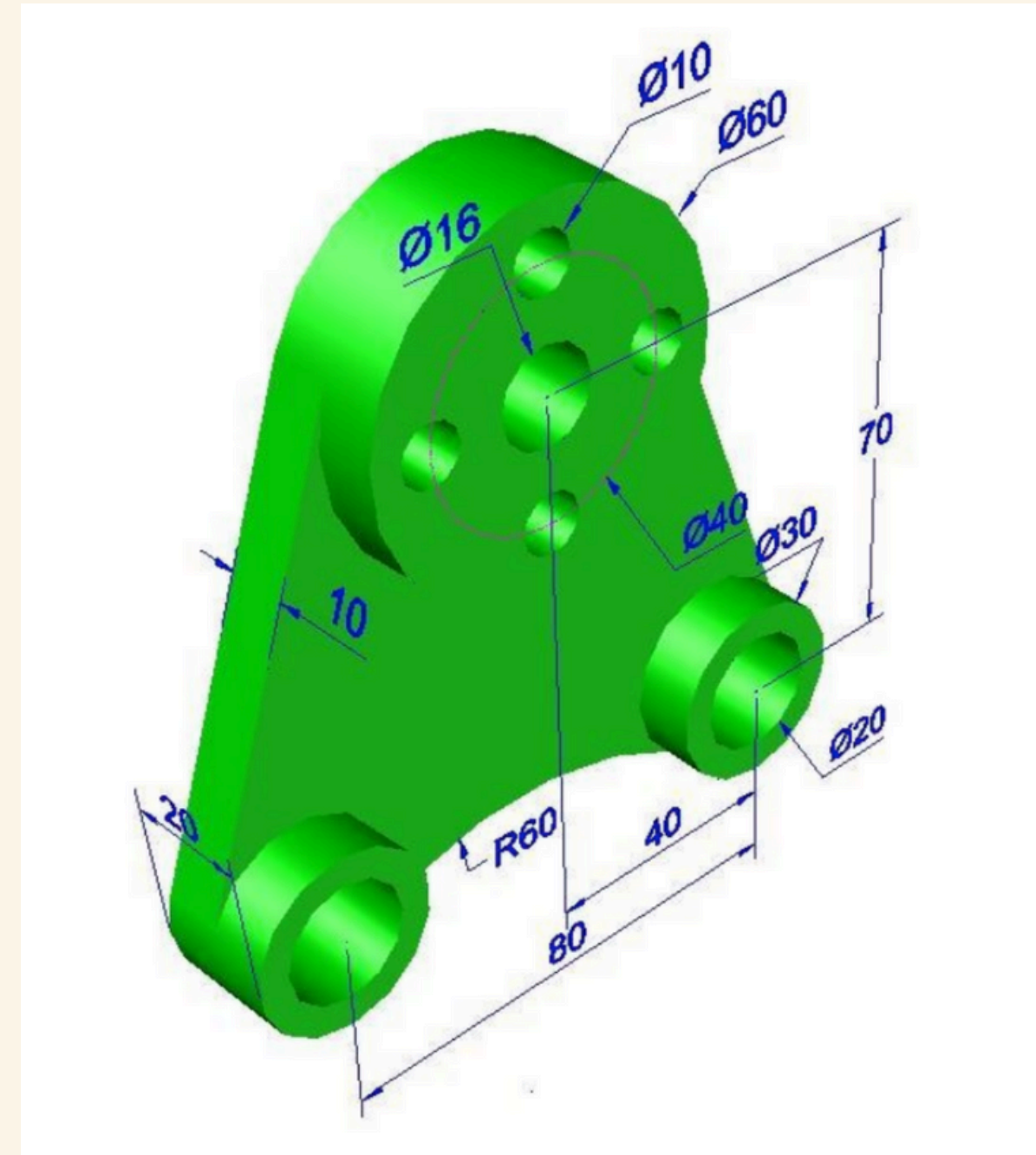
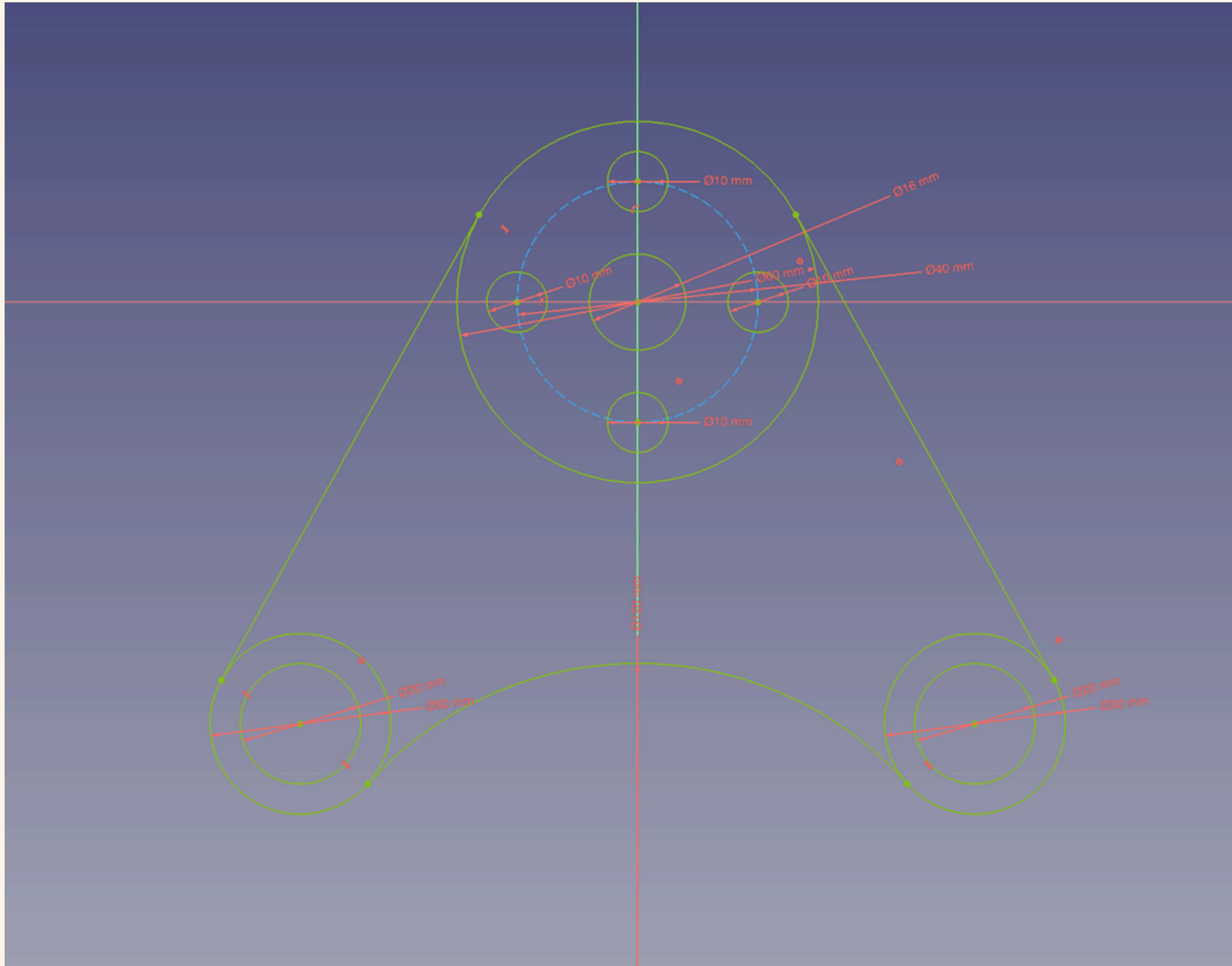
Week1Sketch1

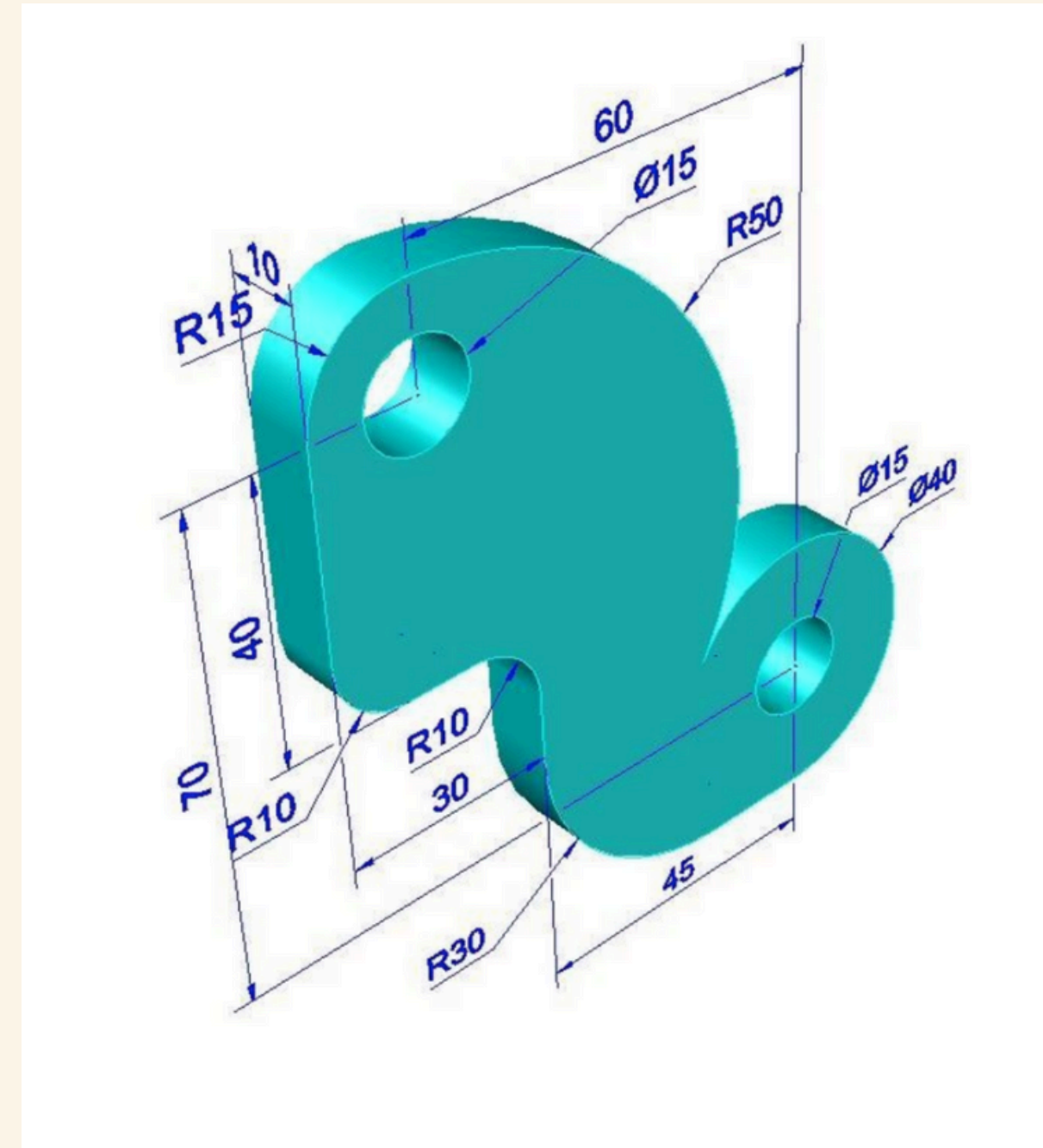


Week1Sketch2



Week1Assignment1





Insights

Classwork Sketches

This week, we built upon our existing knowledge of the Sketcher Workbench. I learnt more tools from the Sketcher Geometries, notably the Polyline tool, and the Block Constraint.

- In the first sketch of the session (Week1Sketch1) I brushed up my Sketcher Geometry basics, and used the “Trim Edge” tool. Often, accidentally trimming unnecessary edges proved fatal, but overcame that with more caution and practice.
- In the second sketch (Week1Sketch2) came the real challenge in dealing with Polylines, initially I struggled with this a lot; Not being able to make the lines, to not being able to fully constrain it. The problems never seemed to stop. Upon later reflection, the problem wasn't with the tool or FreeCAD. It was just me rushing things, when deliberated over, the sketch was done in no time.



Insights

Assignment Sketches

- Assignment 1 proved to be simpler than the classroom sketches, I did however end up choosing to use an arc rather than a polyline; owing to my earlier encounters with the polyline.
- Assignment 2 was also fairly simple with the actual geometry of the sketch. The challenge came with dimensioning it, proving to be a bit tricky.
- Assignment 3 - Still working on constraining the polylines.

