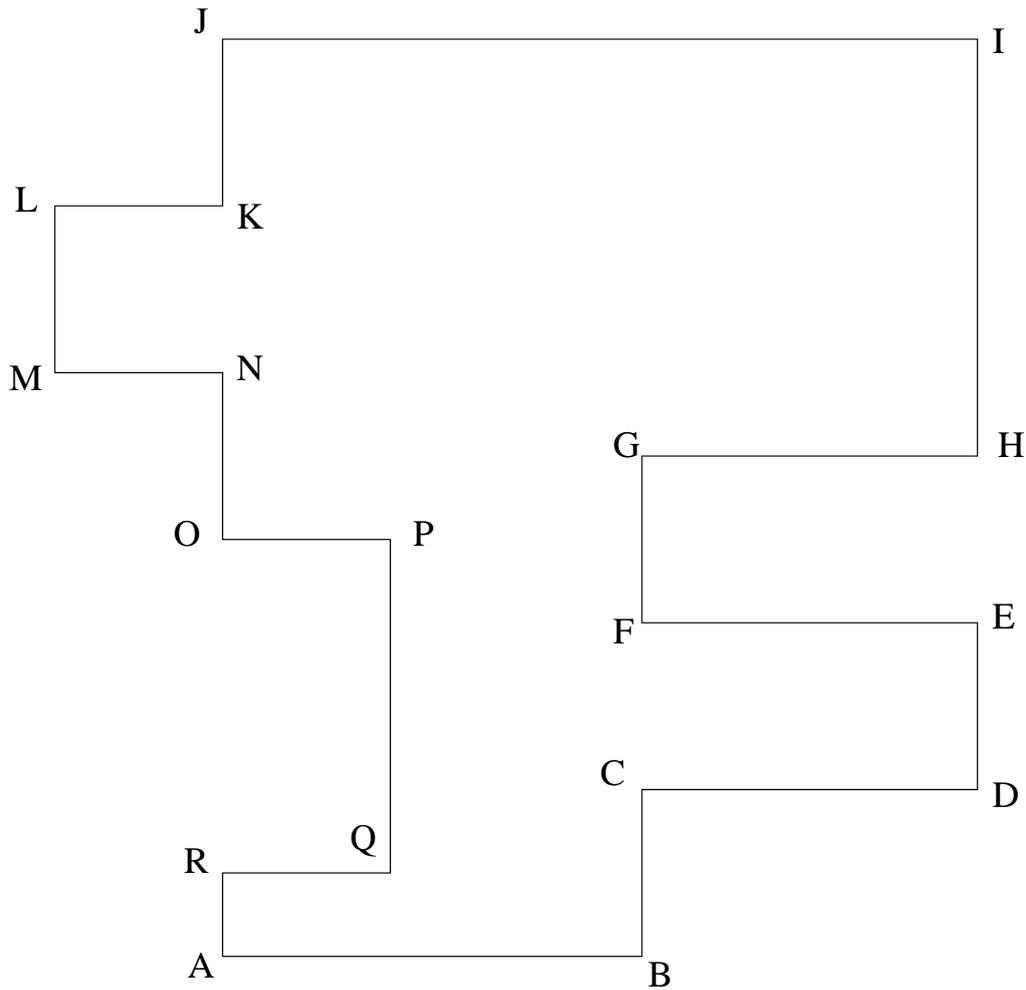


# **20 DAYS OF 2D CAD EXERCISES**

2D CAD Exercises is designed to help CAD beginners practice and learn CAD through Exercises

# Exercise 1

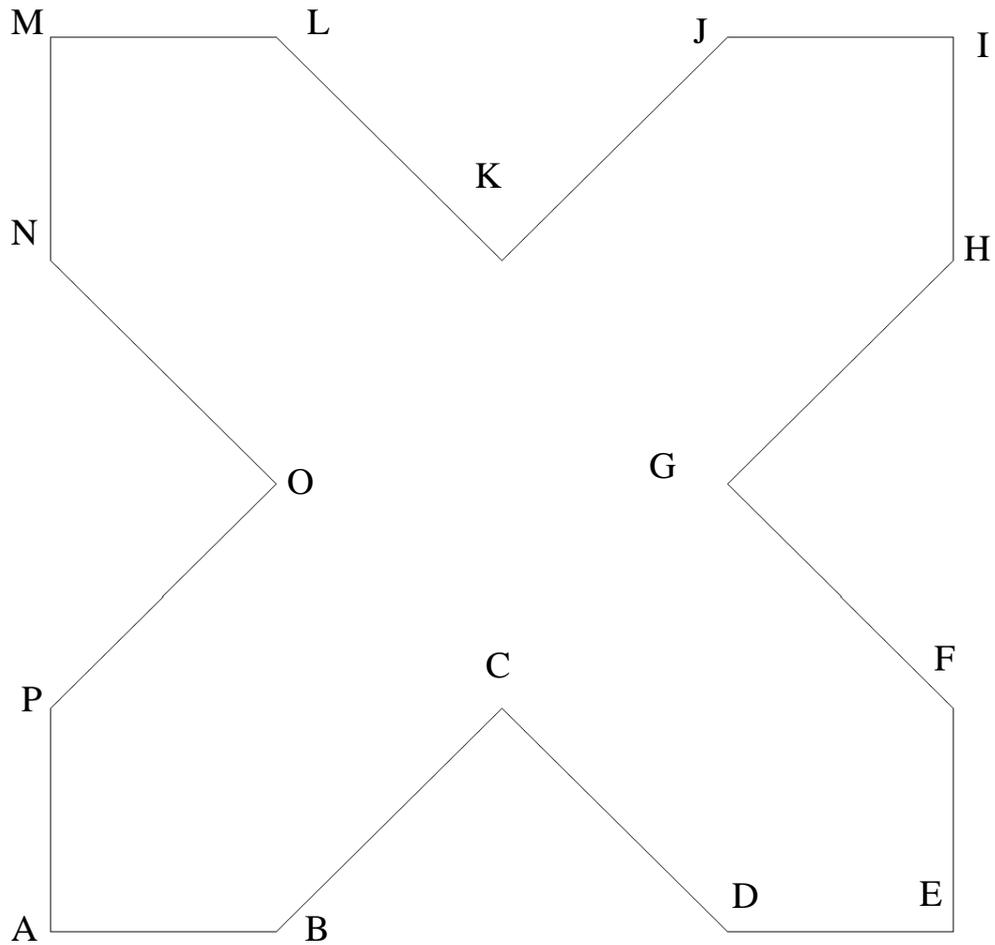


Coordinates:

A=(100,100), B=(105,100), C=(105,102), D=(109,102), E=(109,104),  
F=(105,104), G=(105,106), H=(109,106), I=(109,111), J=(100,111),  
K=(100,109), L=(98,109), M=(98,107), N=(100,107), O=(100,105),  
P=(102,105), Q=(102,101), R=(100,101).

*Exercises 1 and 2 are based on the concept of coordinates. You are expected to draw these figures using entirely the coordinate system and the command windows.*

## Exercise 2



Coordinates:

$A=(290,100)$ ,  $B=(340,100)$ ,  $C=(390,150)$ ,

$D=(440,100)$ ,  $E=(490,100)$ ,  $F=(490,150)$ ,  $G=(440,200)$ ,

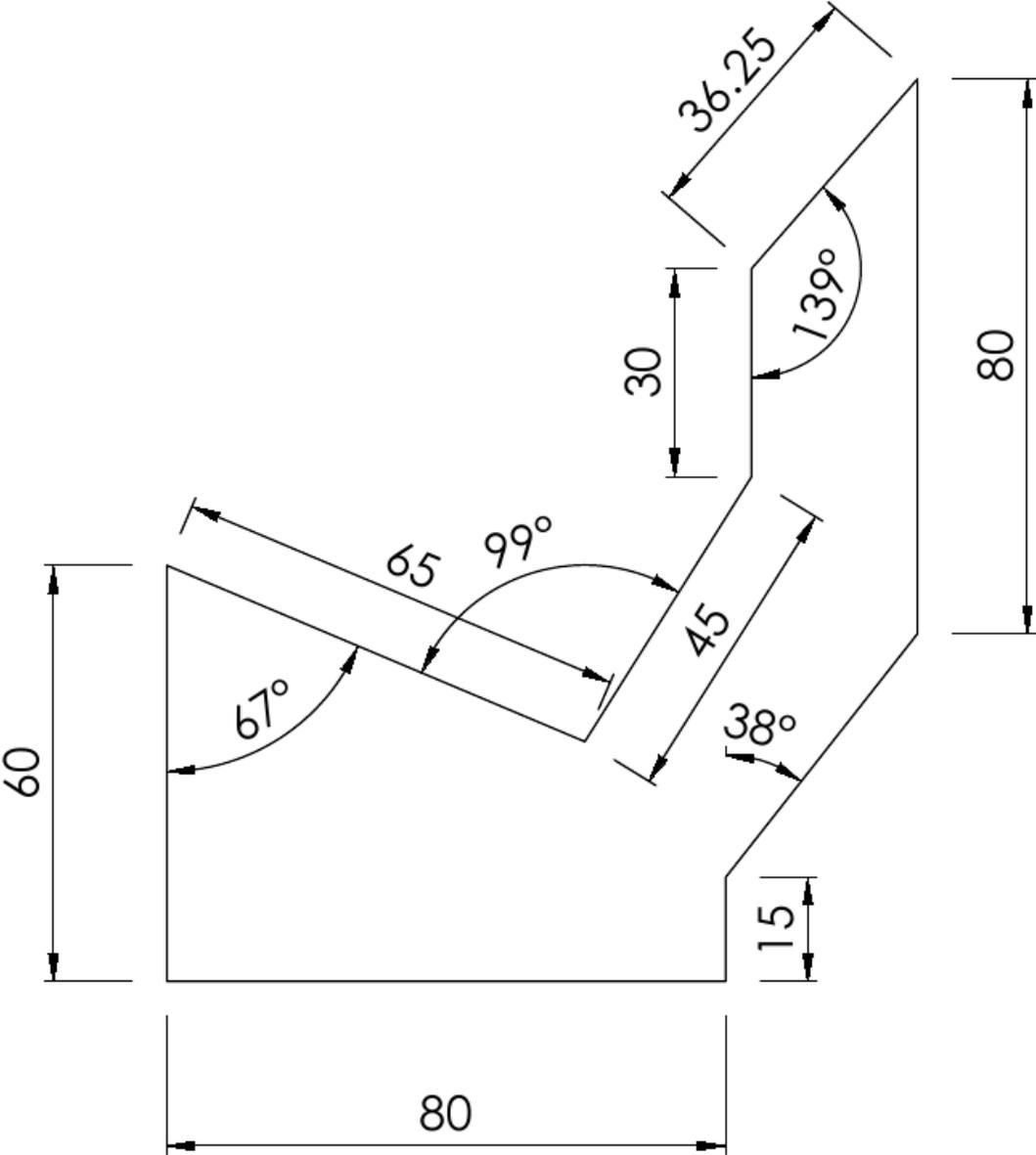
$H=(490,250)$ ,  $I=(490,300)$ ,  $J=(440,300)$ ,  $K=(390,250)$ ,

$L=(340,300)$ ,  $M=(290,300)$ ,  $N=(290,250)$ ,  $O=(340,200)$ ,

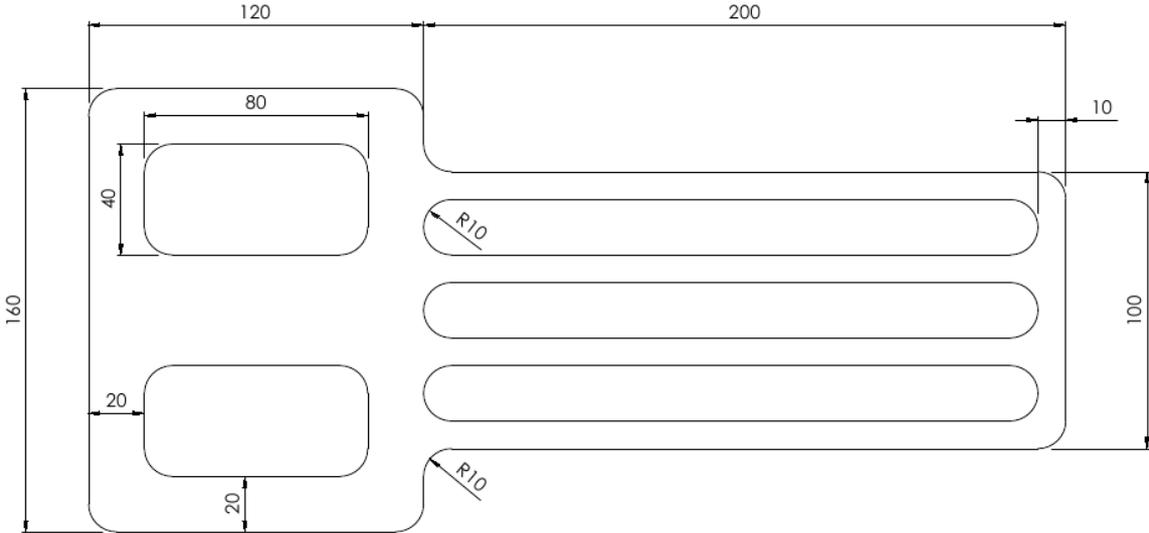
$P=(290,150)$ .



# Exercise 3



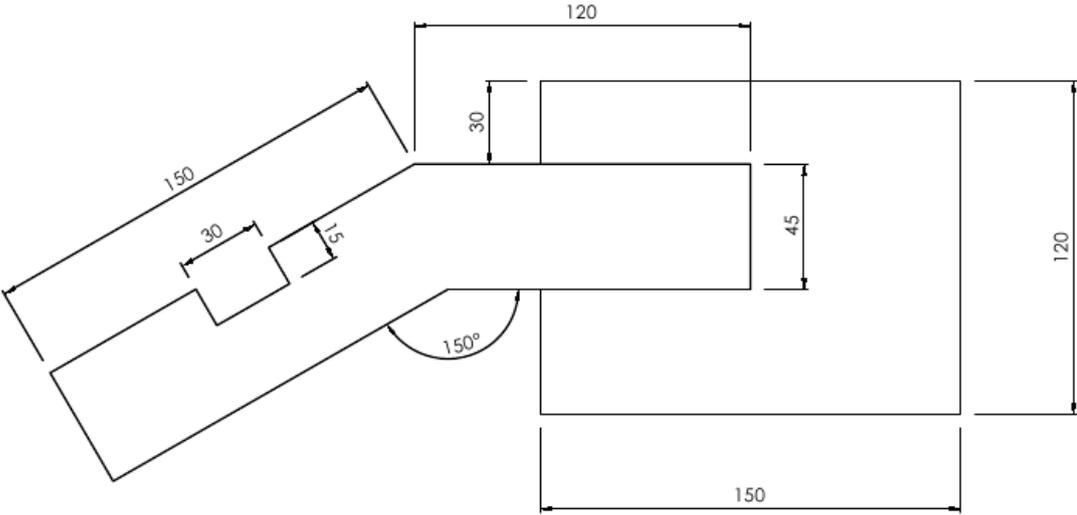
# Exercise 4



This exercise has been totally solved [on session#12](#).

The objective is not just to draw; it is also to learn how to use different commands all along the process. That is why I recommend you (after drawing with techniques you know) look at [how I did it](#).

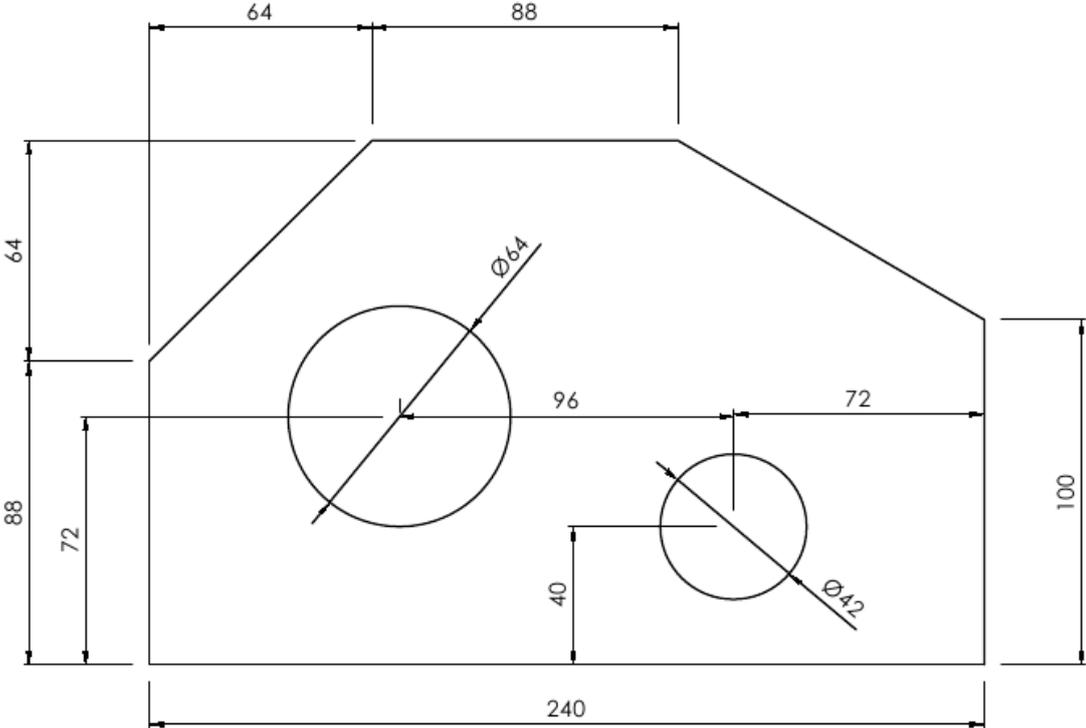
# Exercise 5



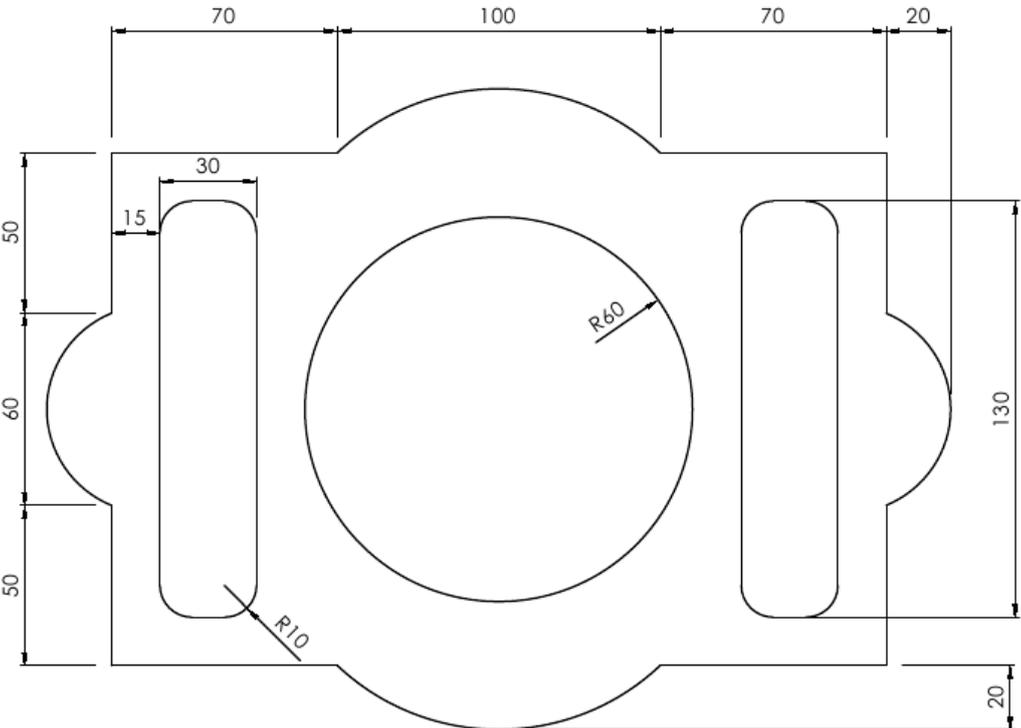
**HINT:**

*Draw the line of length 150 straight (with 0 degree to the ground) before rotating it when you are done with it.  
You can easily rotate it using the ROTATE command. How about the angle?*

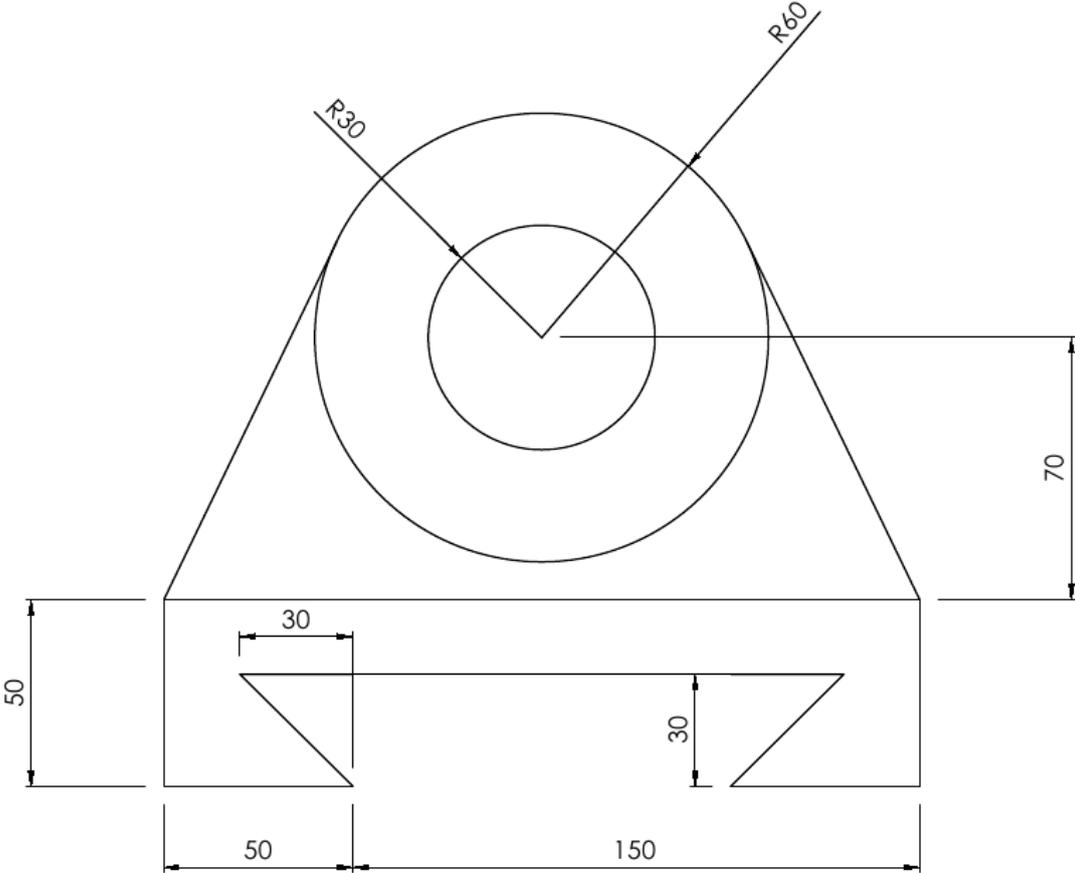
# Exercise 6



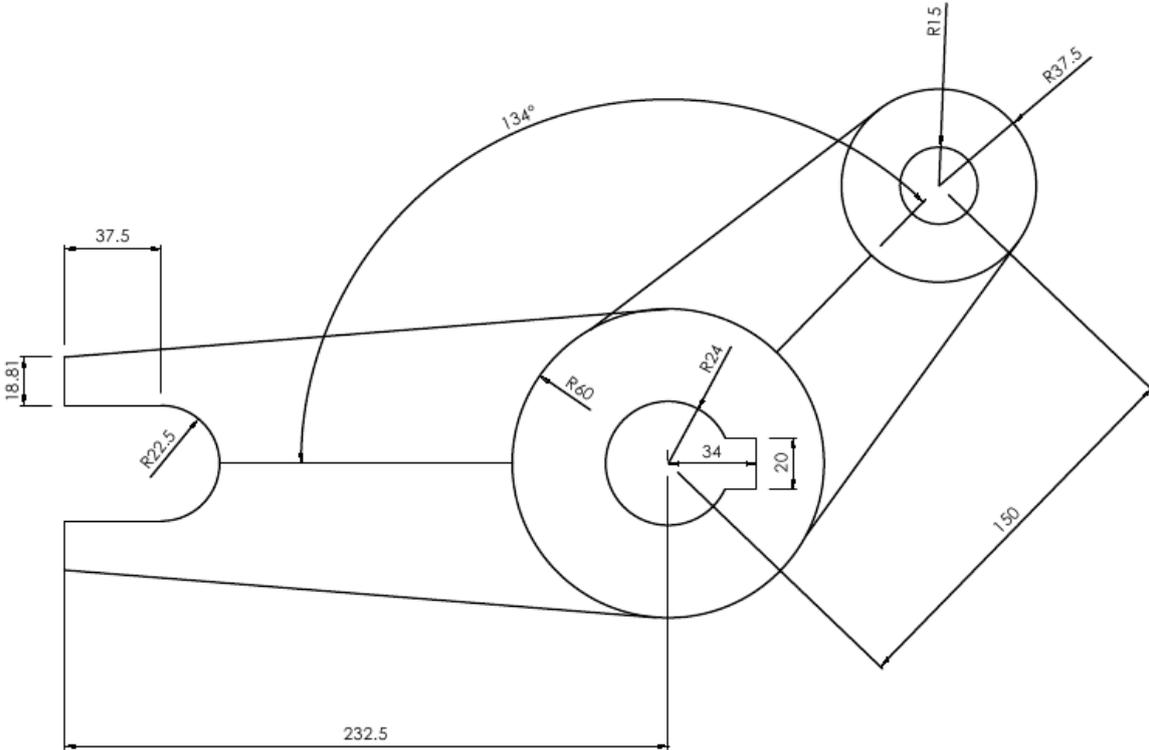
# Exercise 7



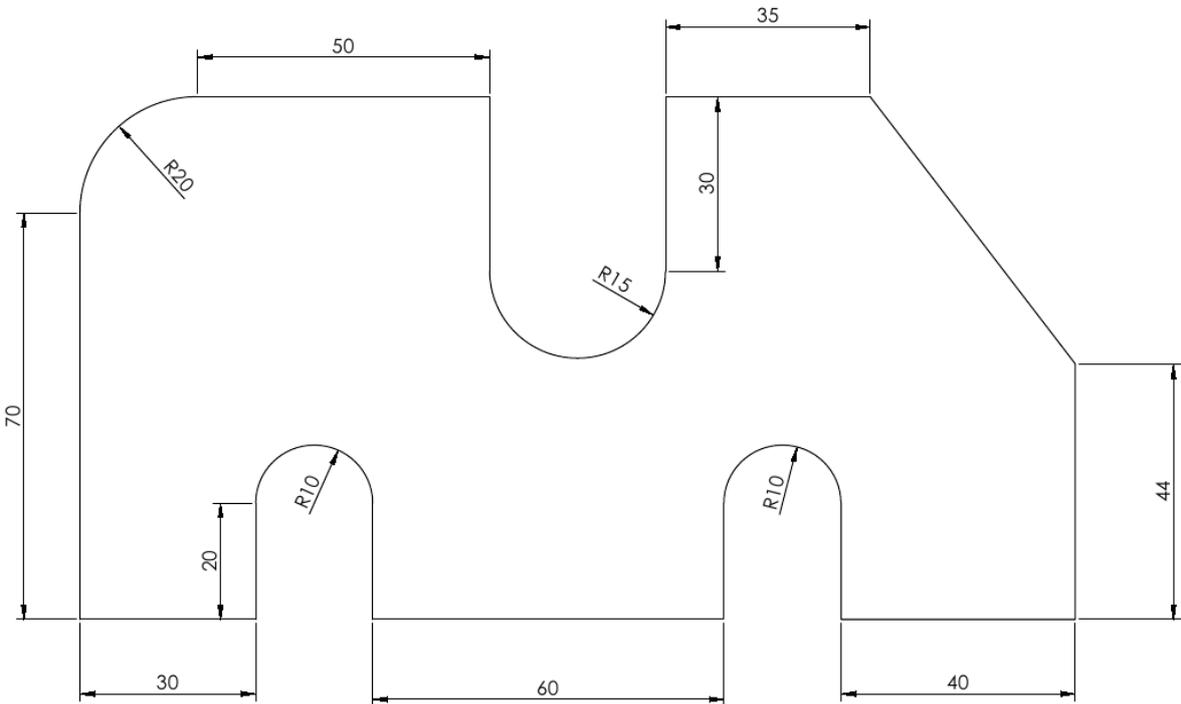
# Exercise 8



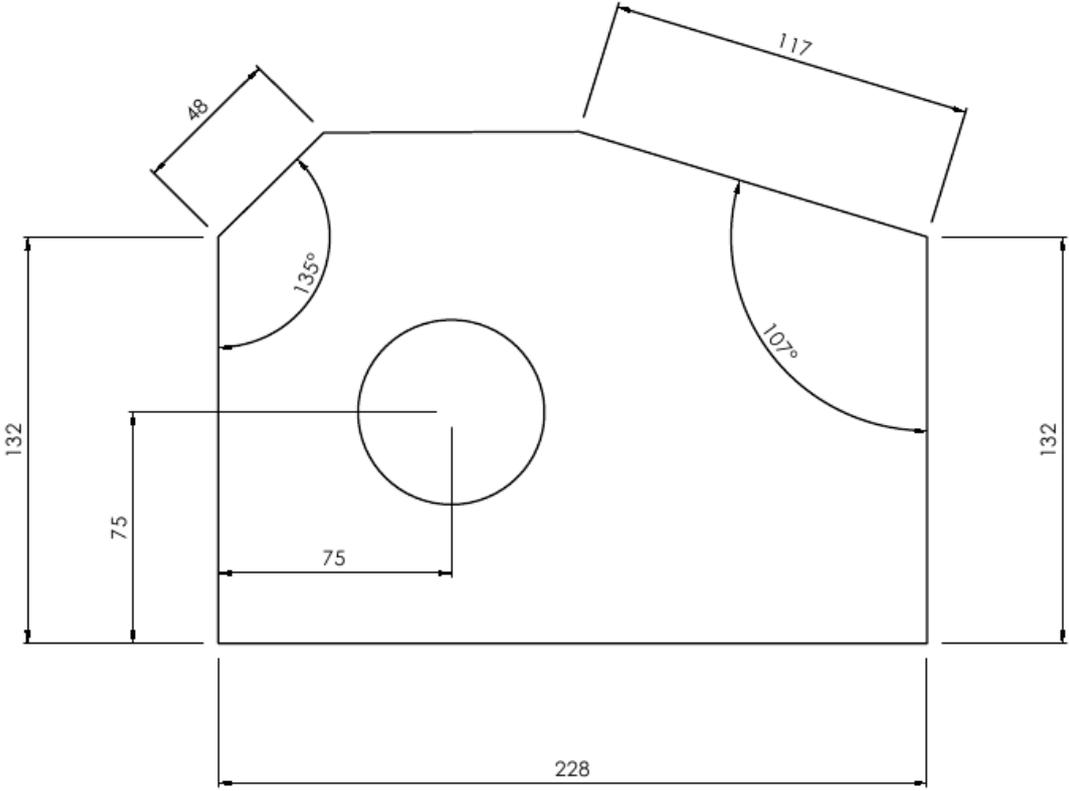
# Exercise 9



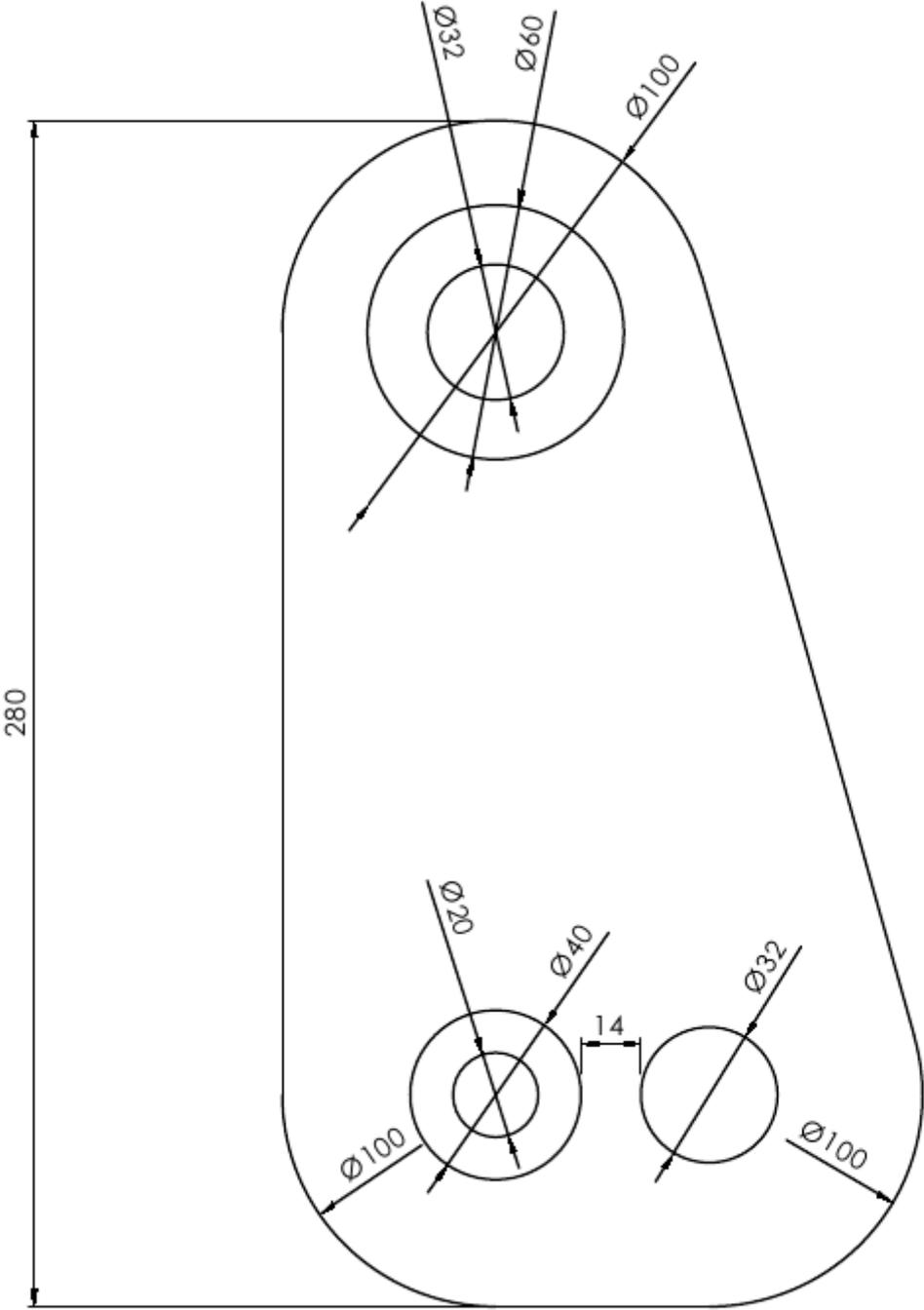
# Exercise 10



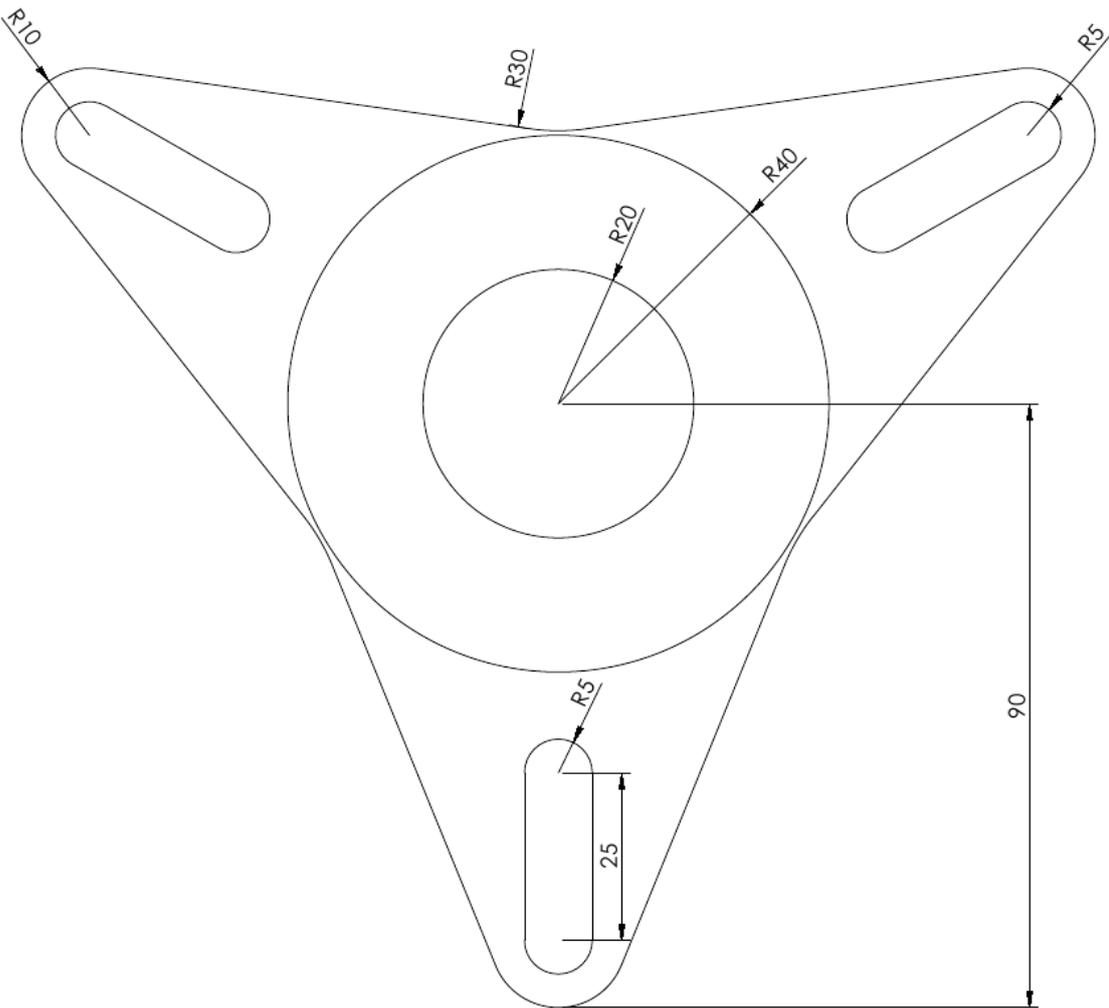
# Exercise 11



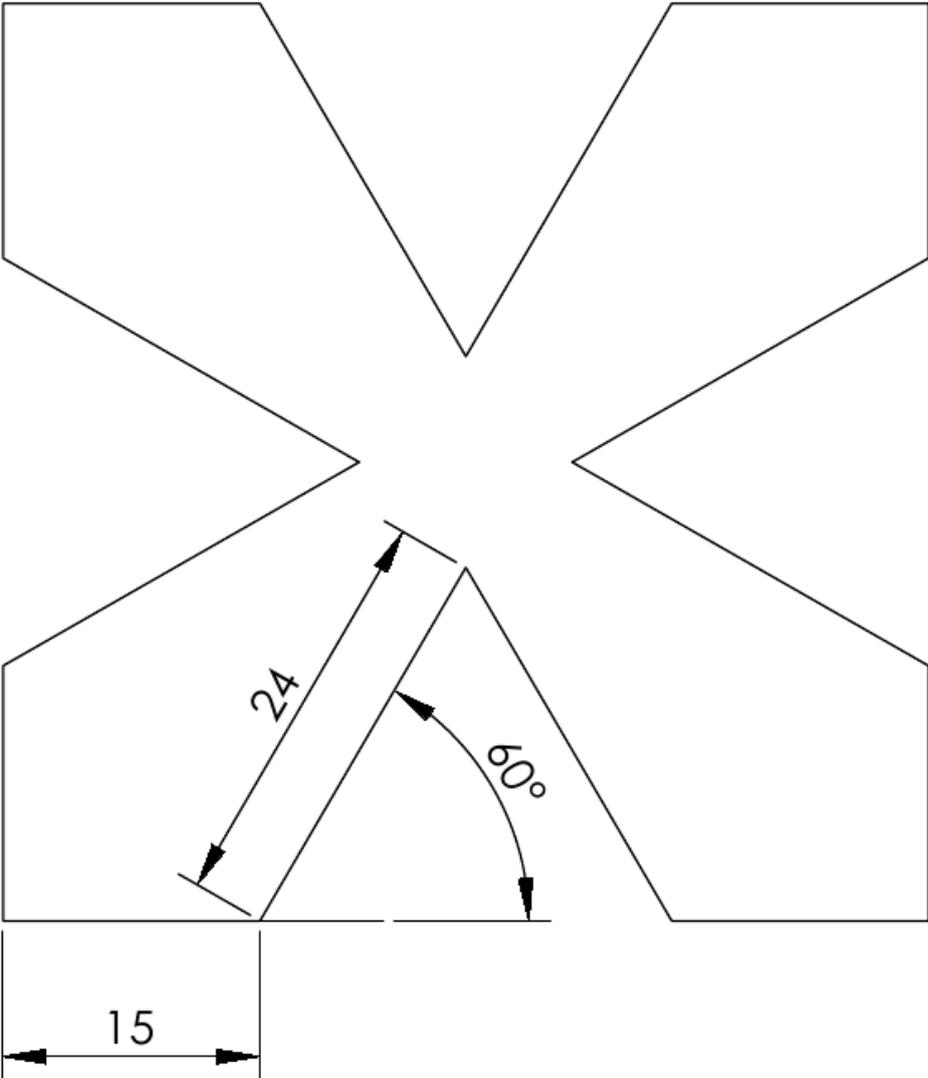
# Exercise 12



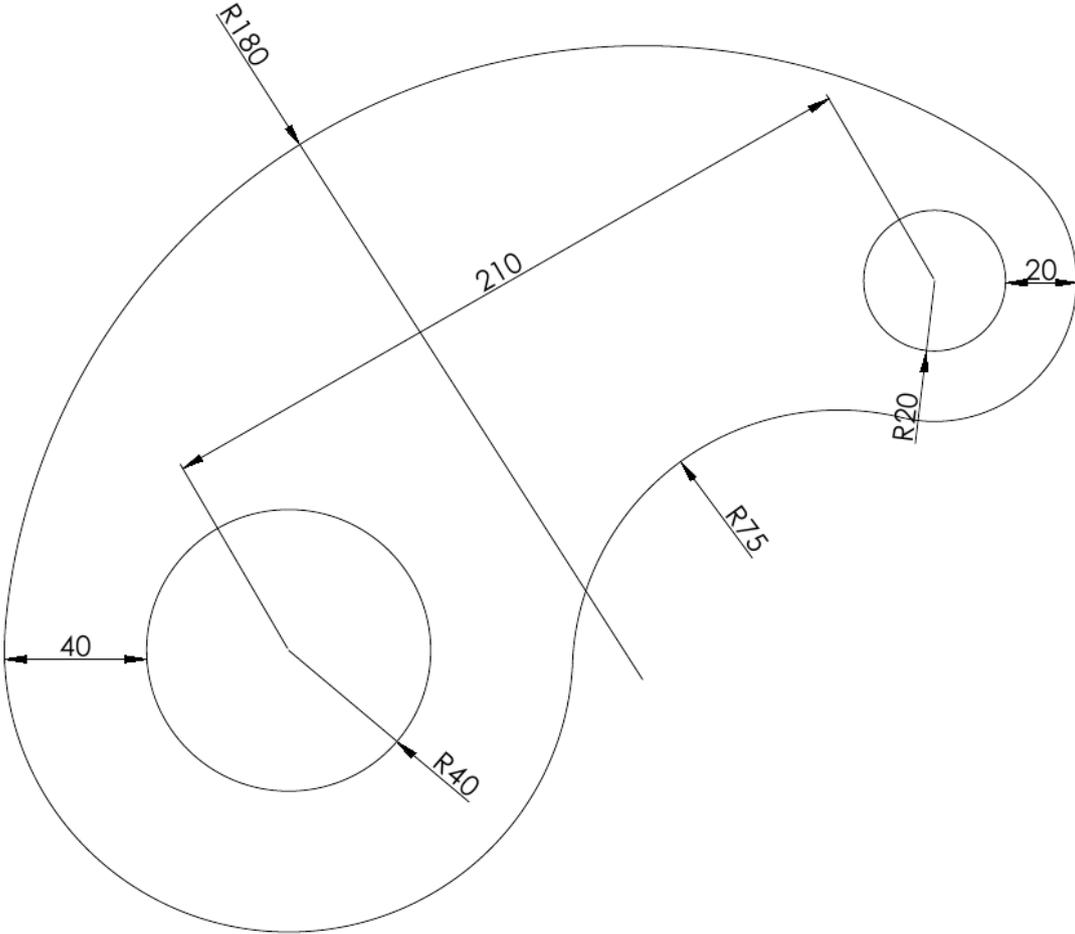
# Exercise 13



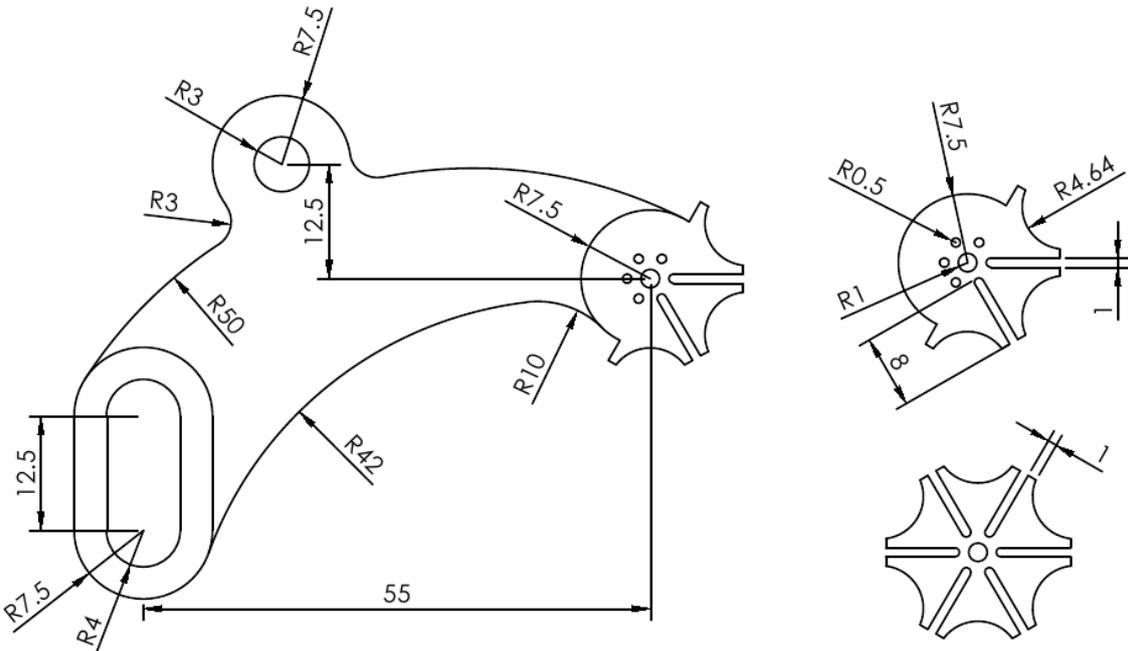
# Exercise 14



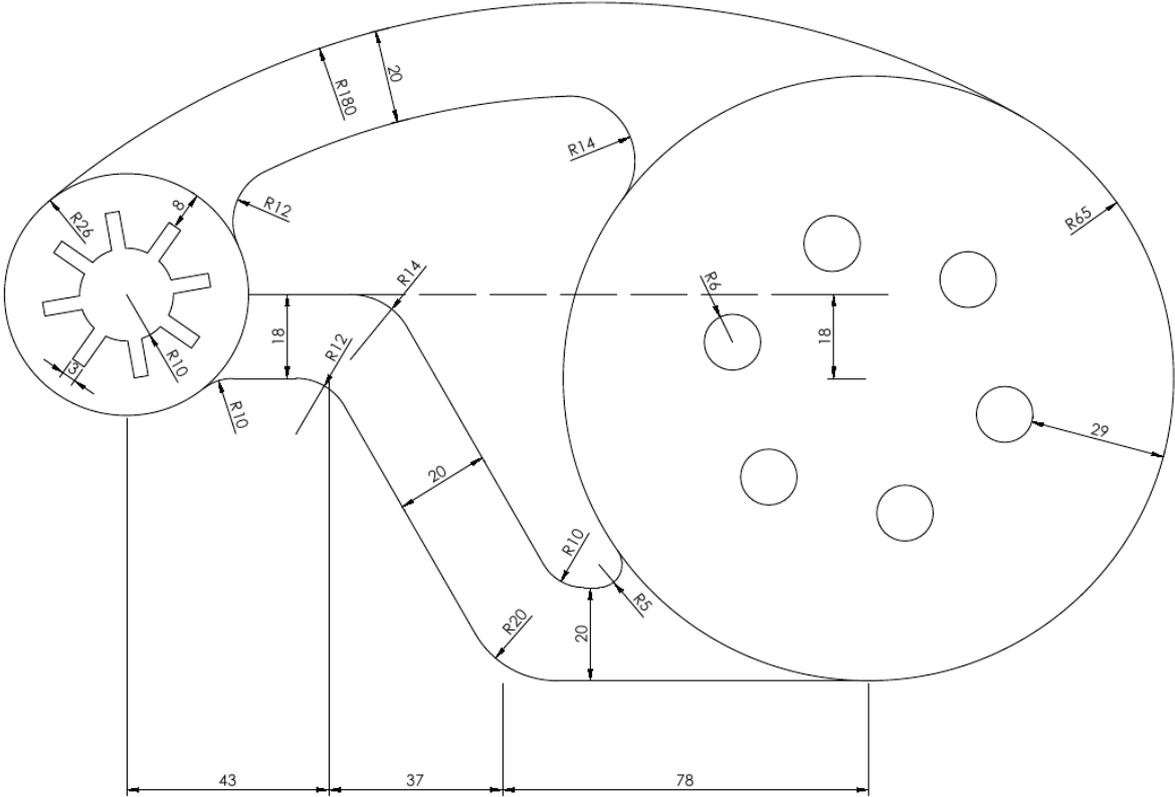
# Exercise 15



# Exercise 16



# Exercise 17



# Exercise 18

