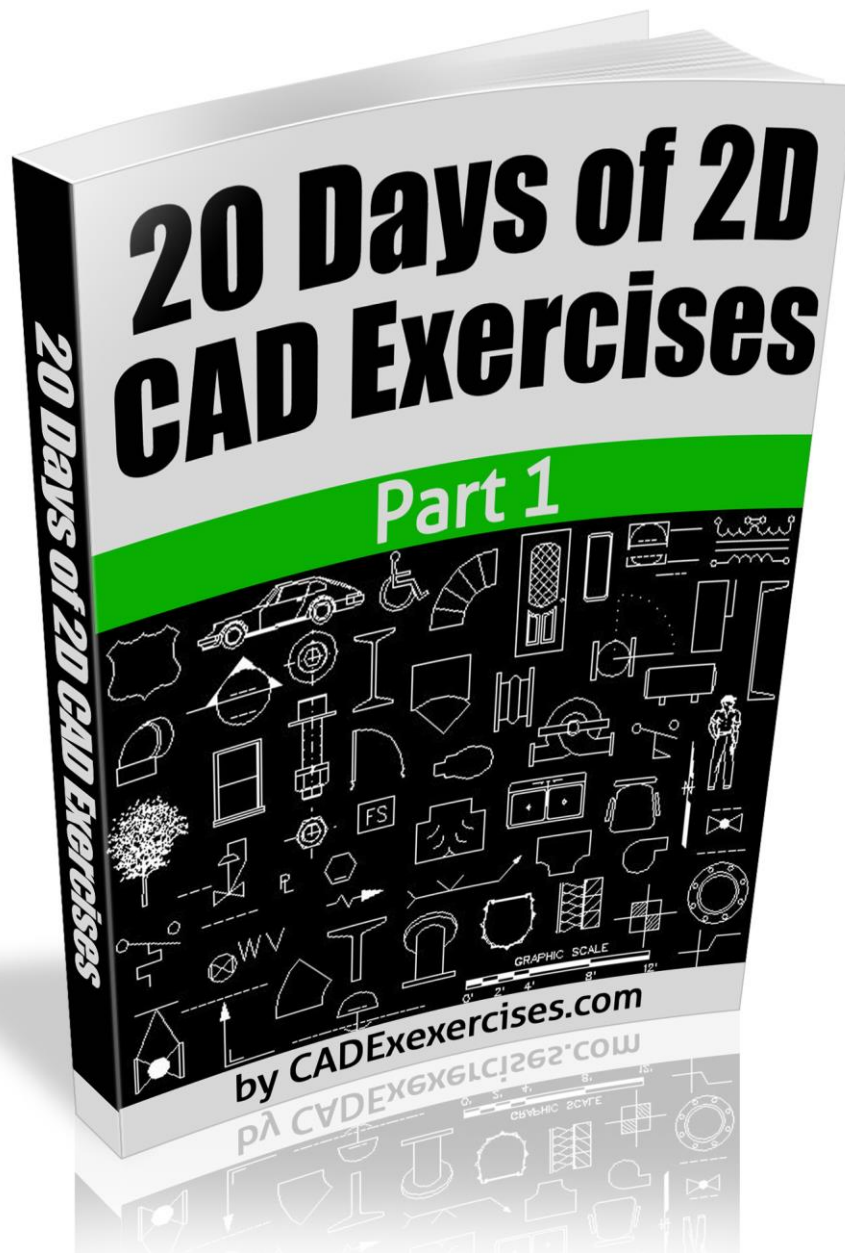


FREE



www.CADExercises.com

20 DAYS OF 2D CAD EXERCISES

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

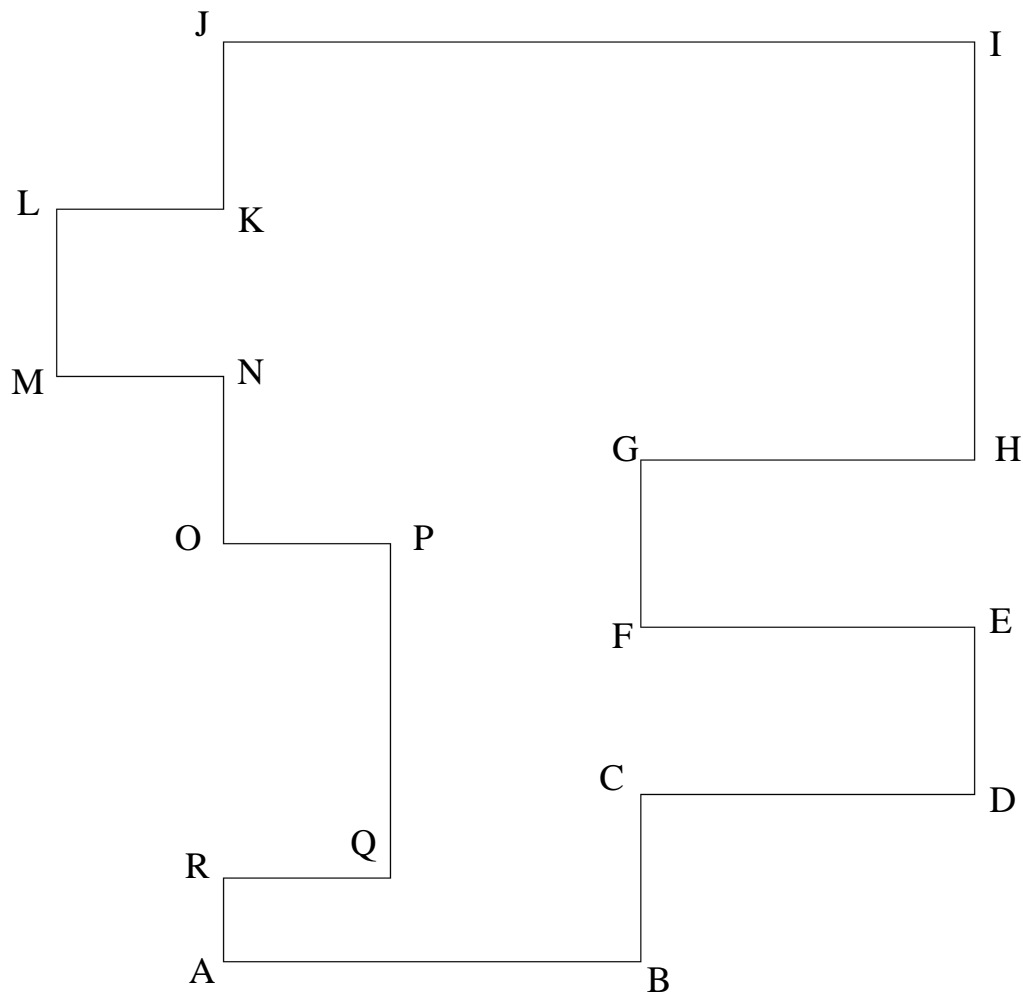
This eBook comes as a complementary step giving content to digest and giving student of [20 Days of 2D CAD Exercises](#) a way to practice what they have learned.

You may need to check [the whole series of tutorial](#).

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Exercise 1

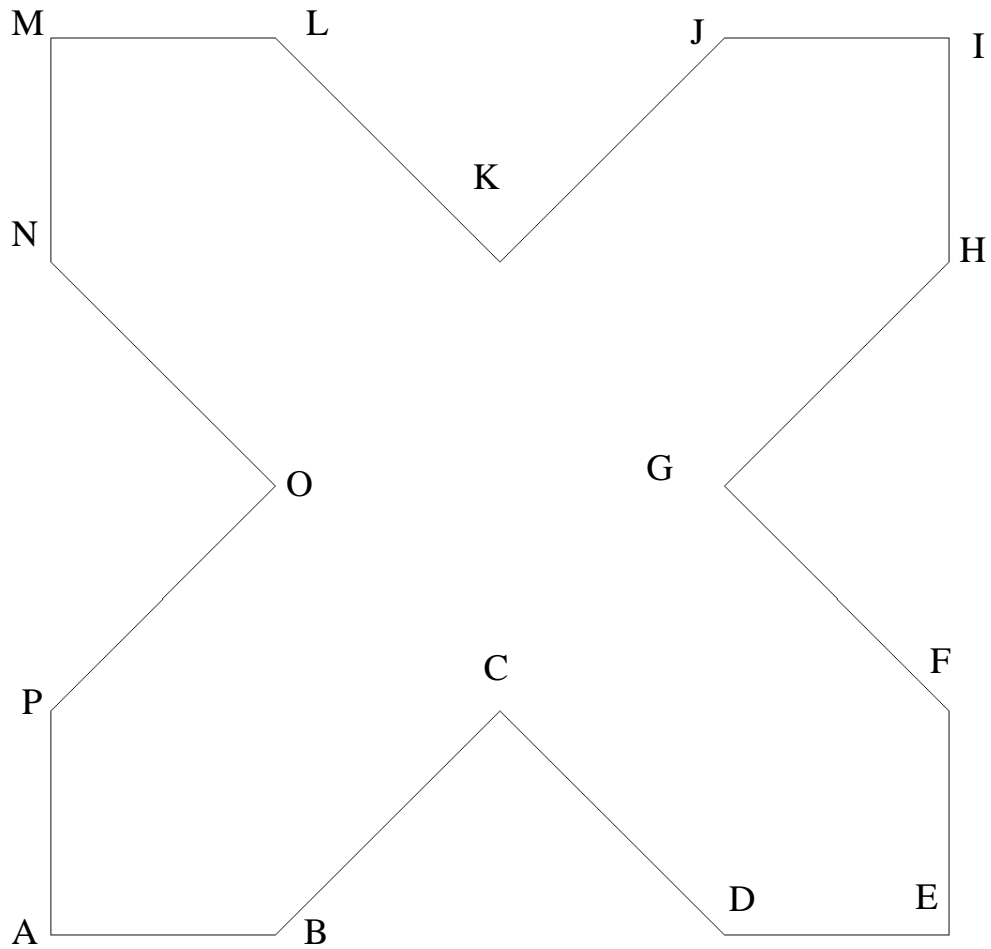


Coordinates:

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. You may want to check [the first session of 20 Days of 2D Exercises](#) in case you need

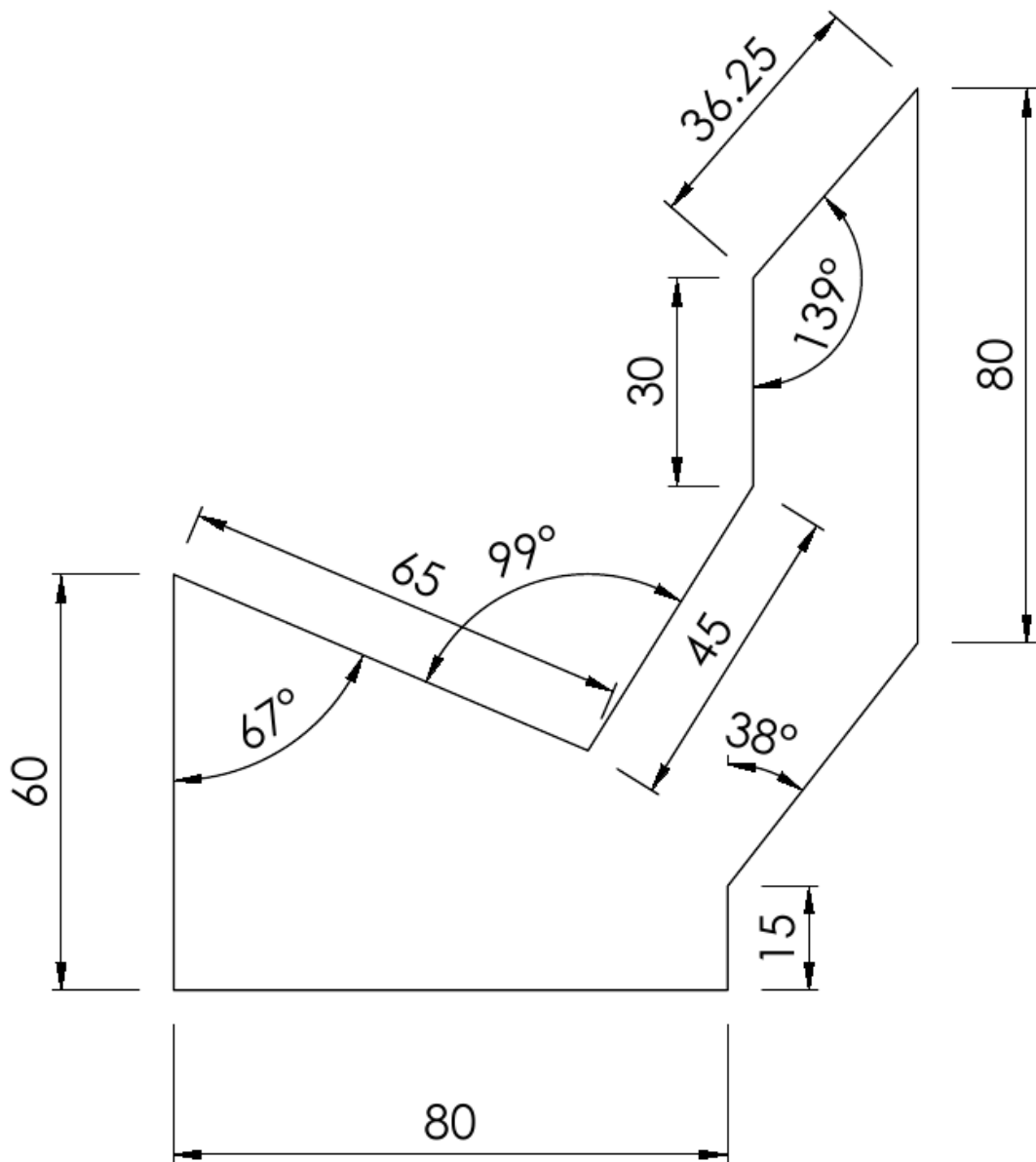
Exercise 2



Coordinates:

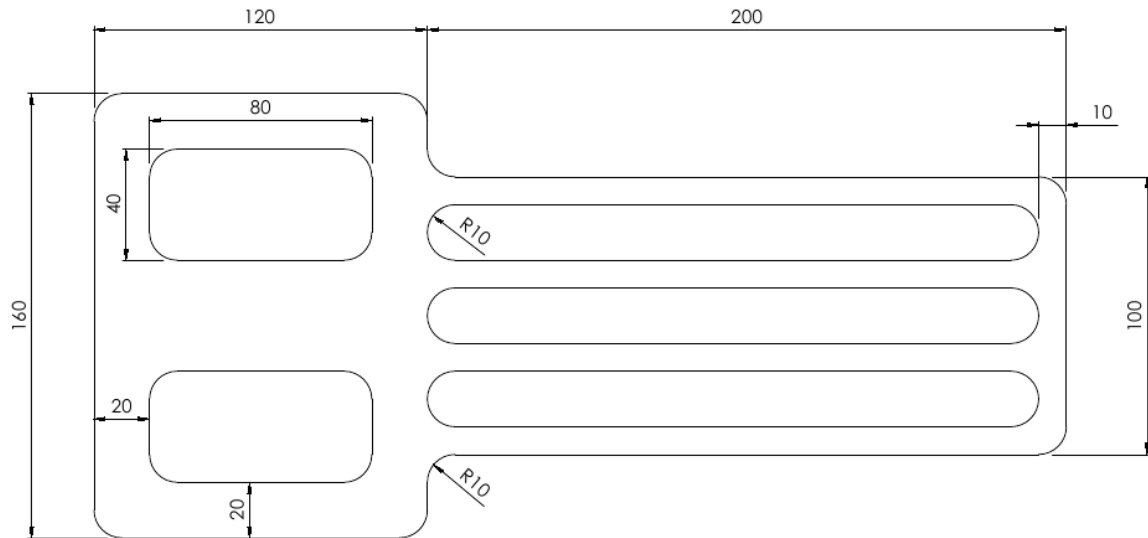
A=(290,100), B=(340,100), C=(390,150),
D=(440,100), E=(490,100), F=(490,150), G=(440,200),
H=(490,250), I=(490,300), J=(440,300), K=(390,250),
L=(340,300), M=(290,300), N=(290,250), O=(340,200),
P=(290,150).

Exercise 3



At This point you must have learned how to draw lines with specific Angle to the ground in AutoCAD. This will test your ability to play with angles. Remember all dimensions are given for you to be able to draw this. You just need to figure out a way to use information properly. You may want to check [session #2 to #4](#).
HINT: handle your drawing going clockwise

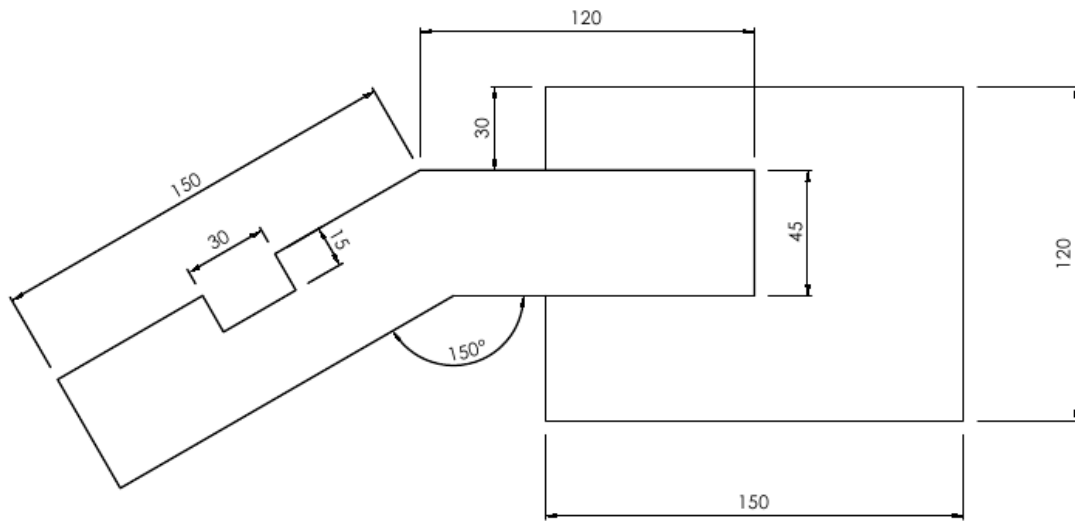
Exercise 4



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

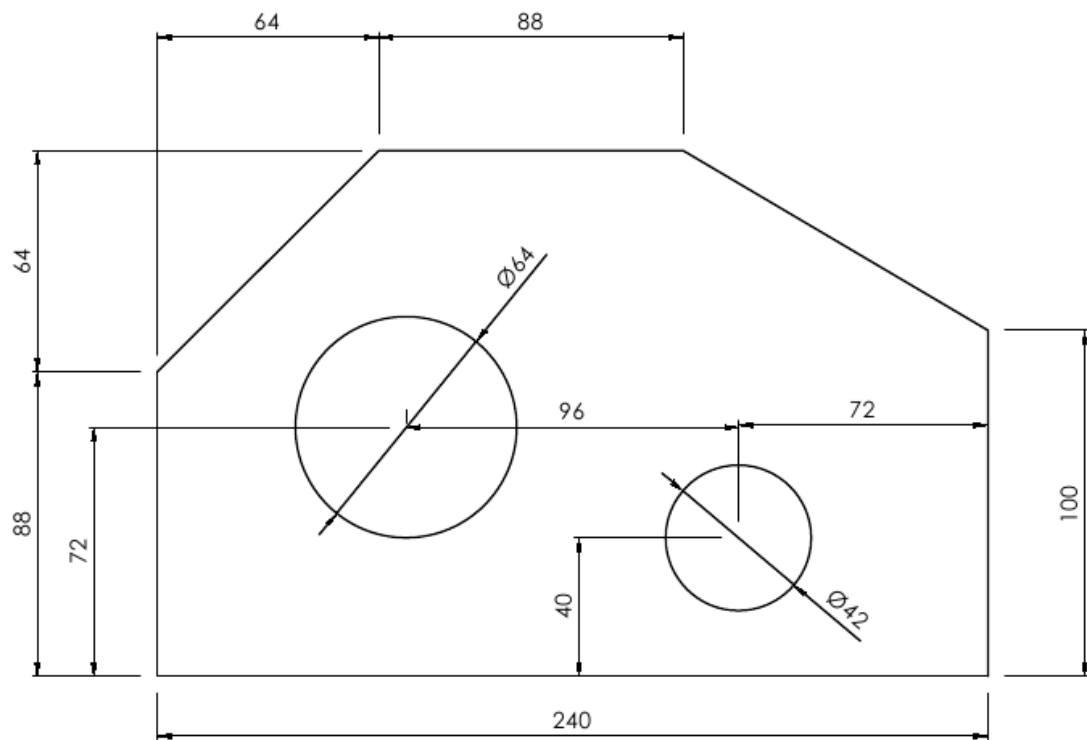


HINT:

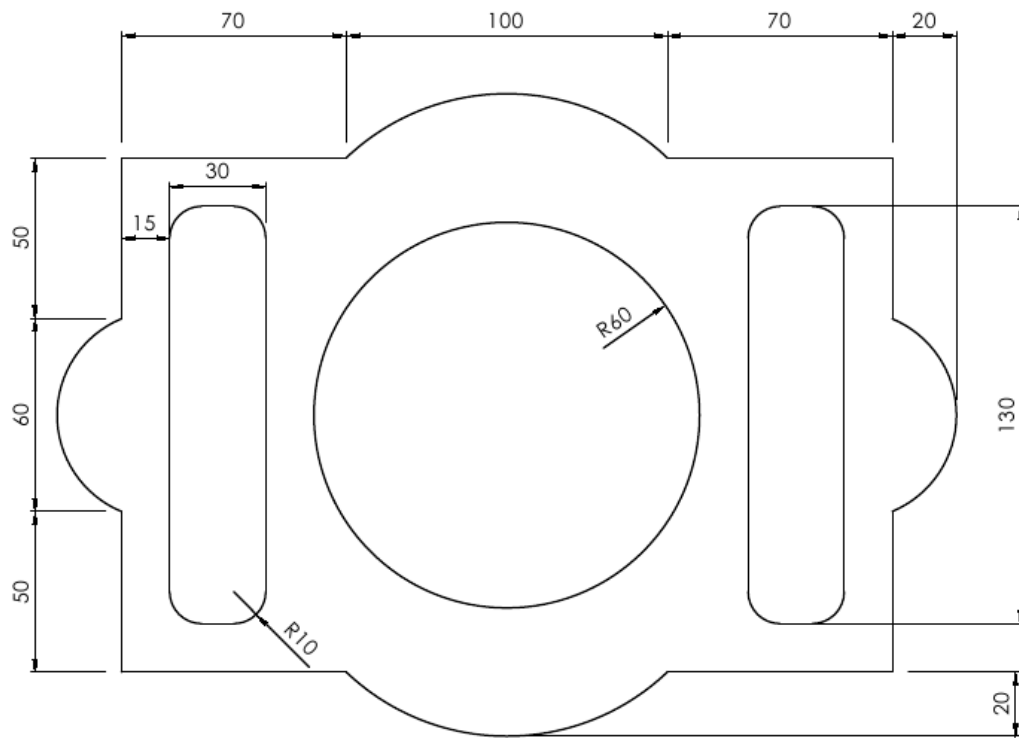
Draw the line of length 150 straight (with 0 degree to the ground) before rotating it when you are done with it.

You can easily rotate it using the ROTATE command. How about the angle?

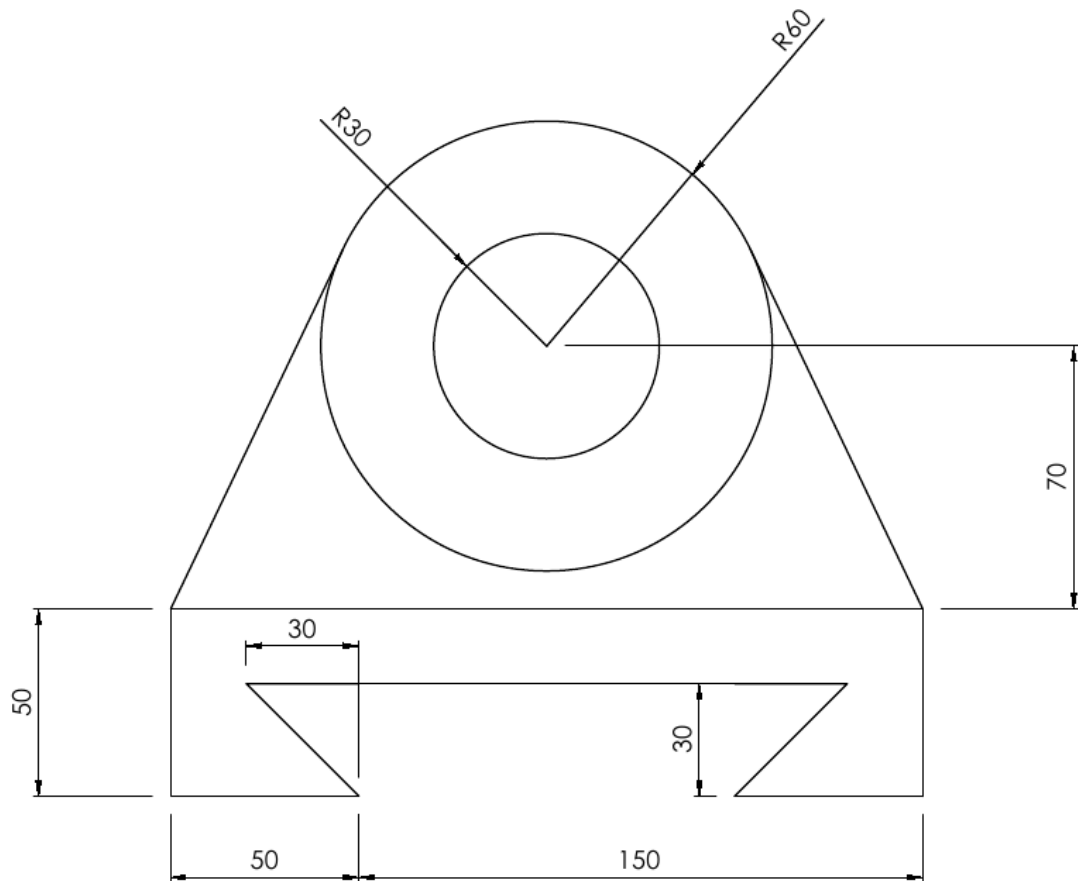
Exercise 6



Exercise 7

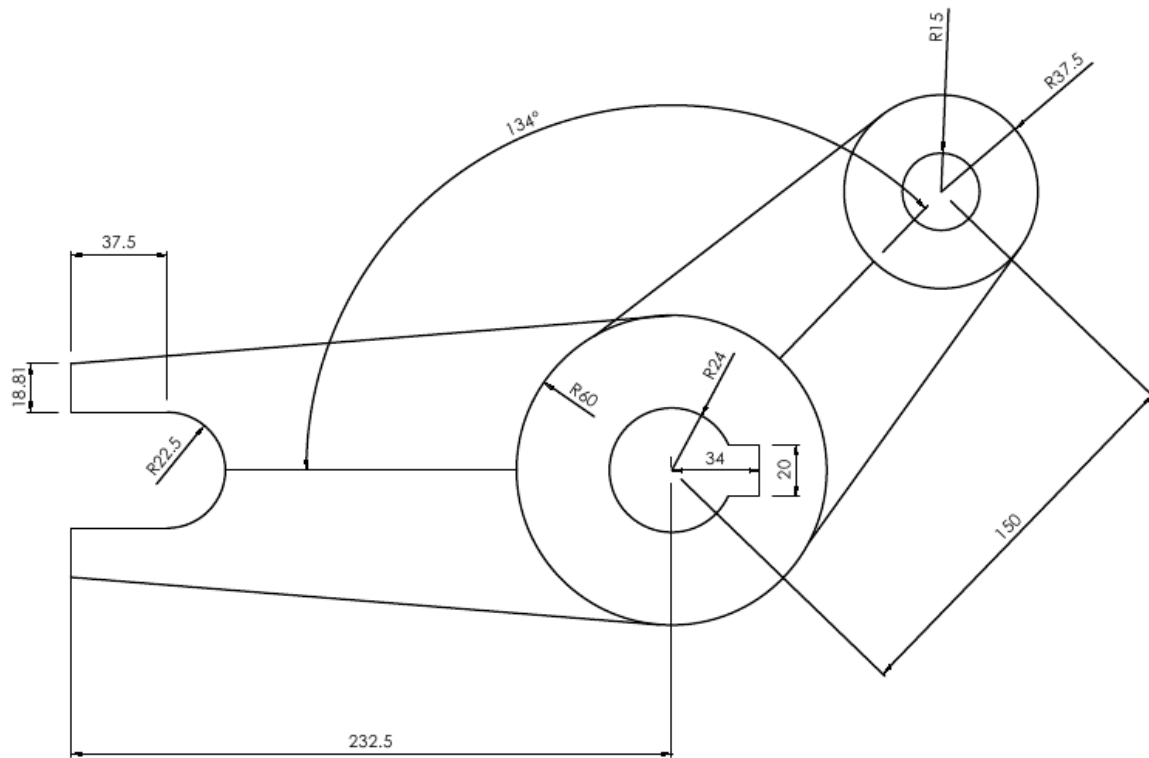


Exercise 8

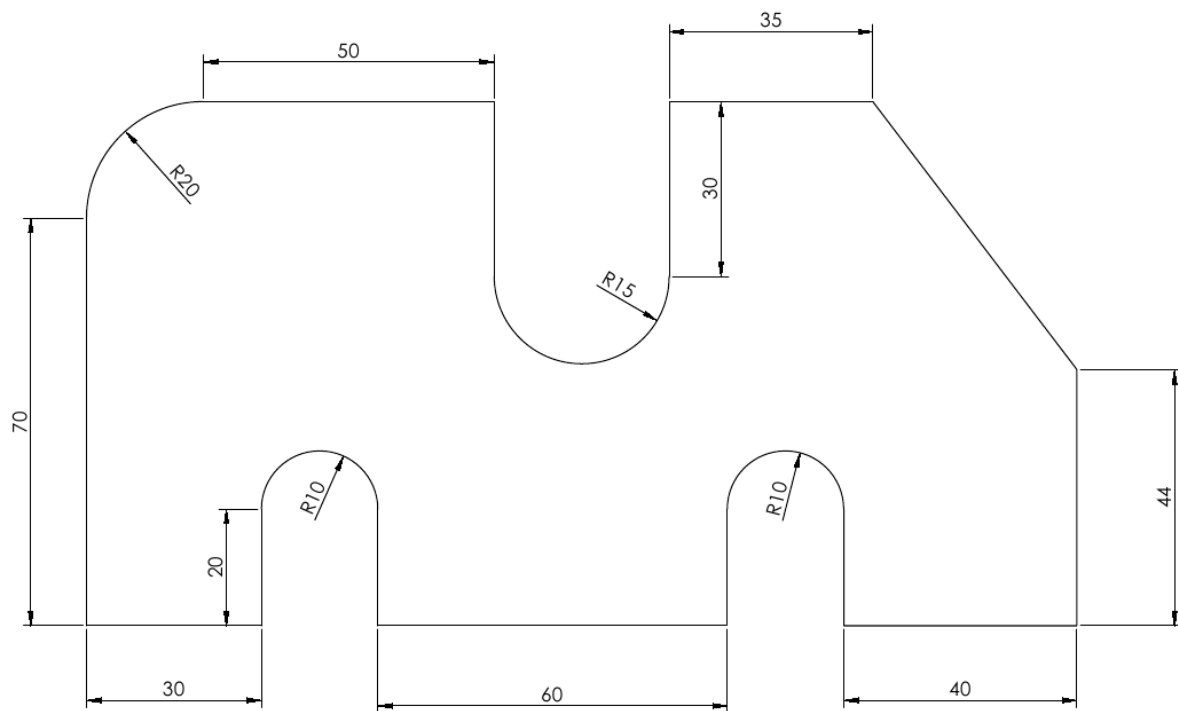


Exercises 6, 7 and 8 have been
solved [on CadExercises.com](http://www.CadExercises.com).

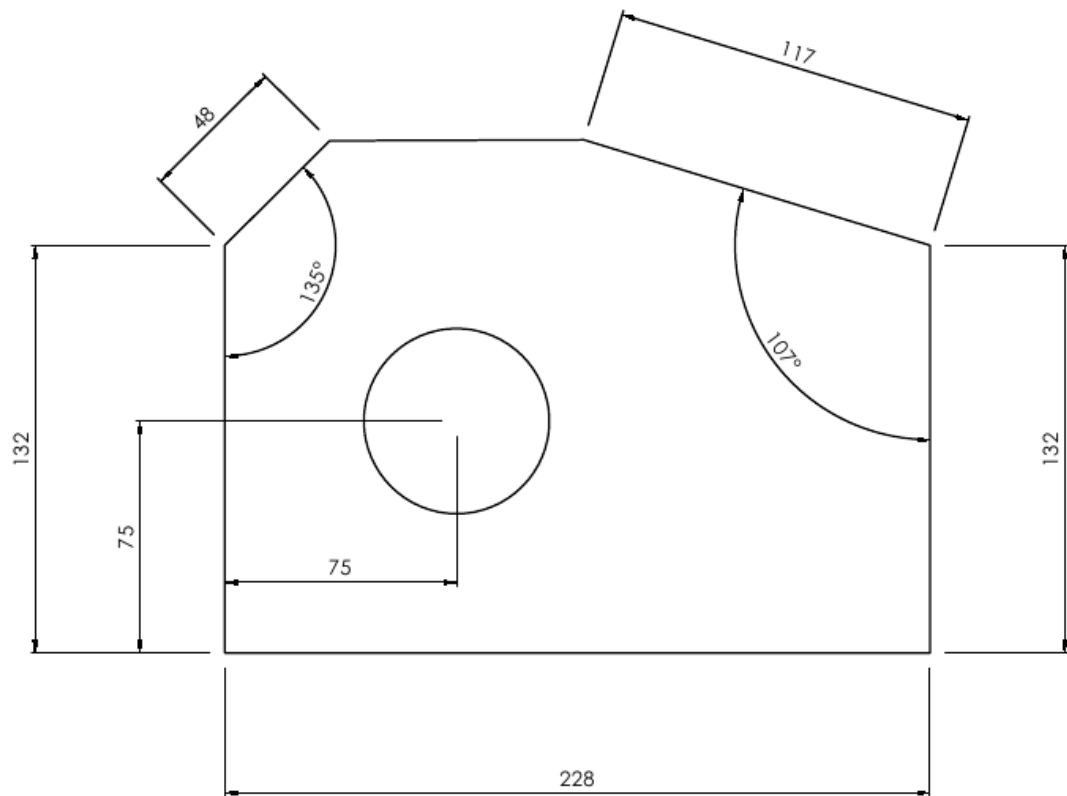
Exercise 9



Exercise 10

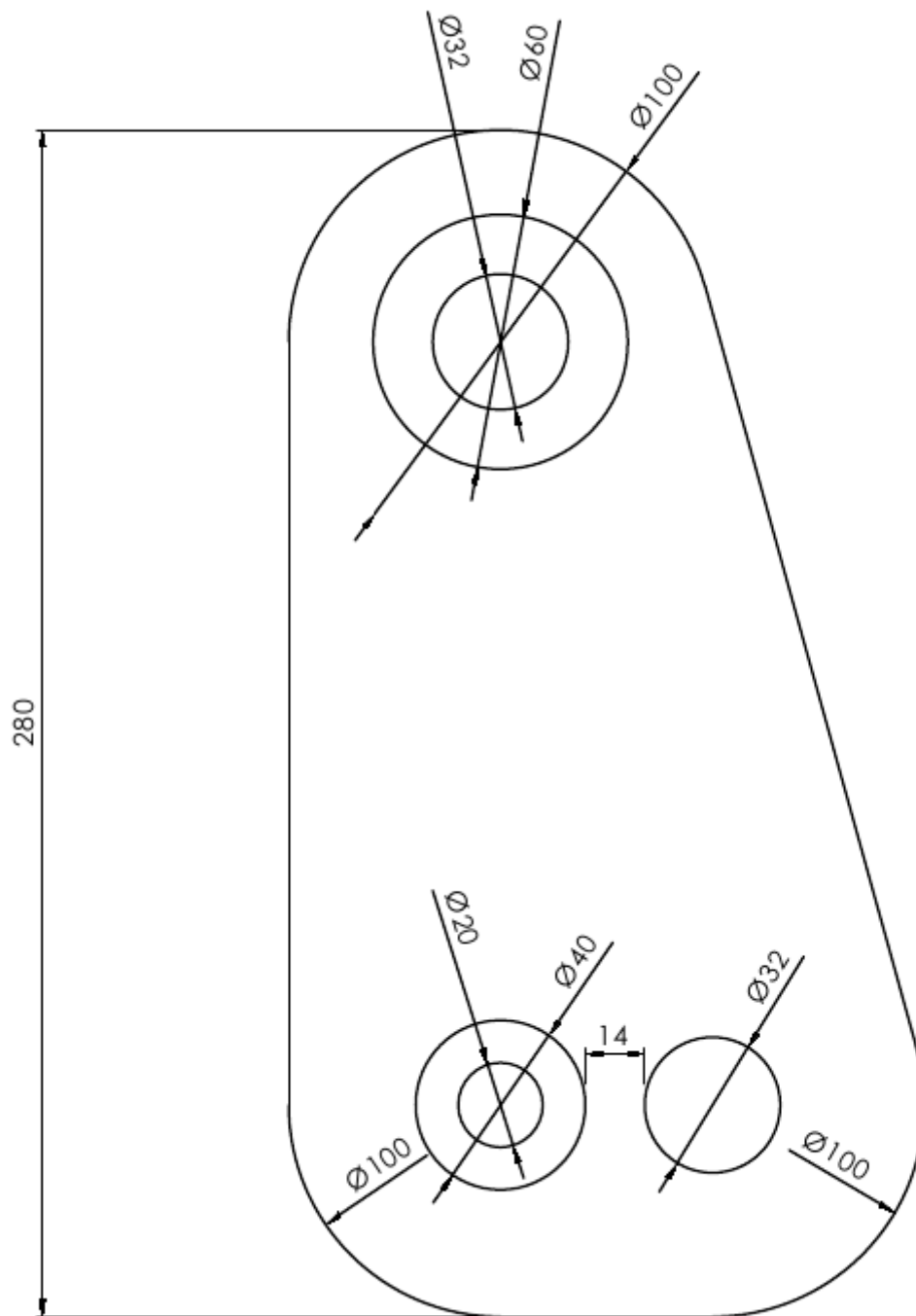


Exercise 11

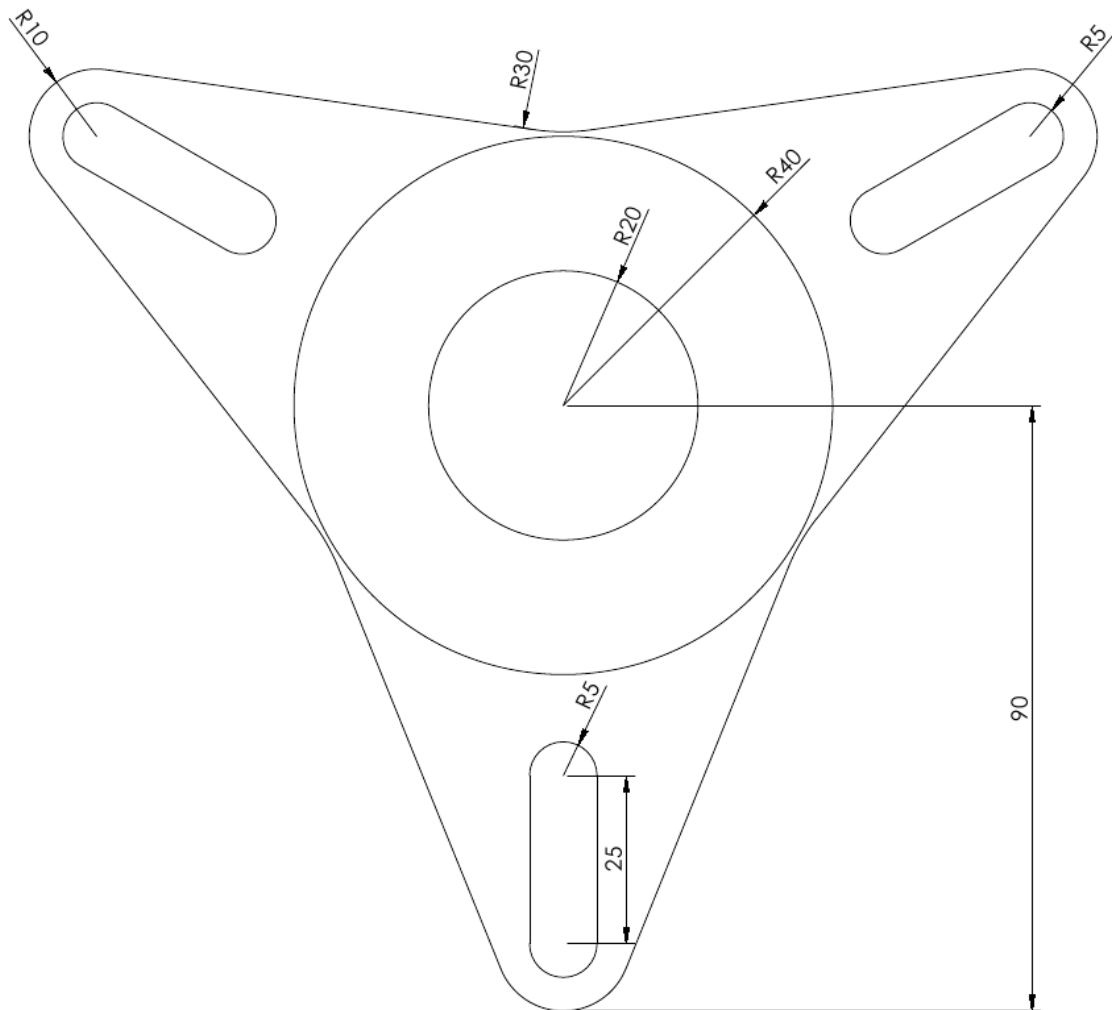


If you have been solving these CAD exercises in order, you will find this one easy compared to those you have already solved. I should have placed it at the beginning I guess. Something similar is used [as exercise in session #6](#)

Exercise 12

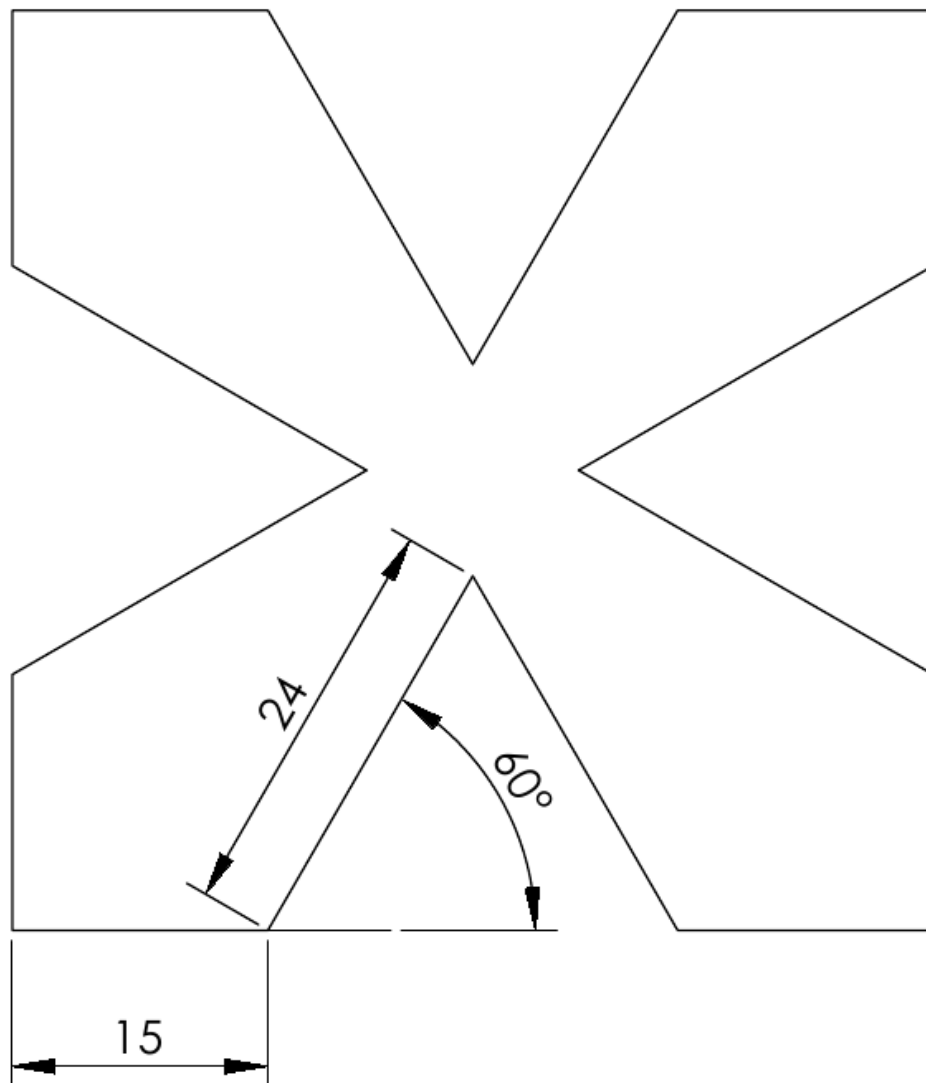


Exercise 13



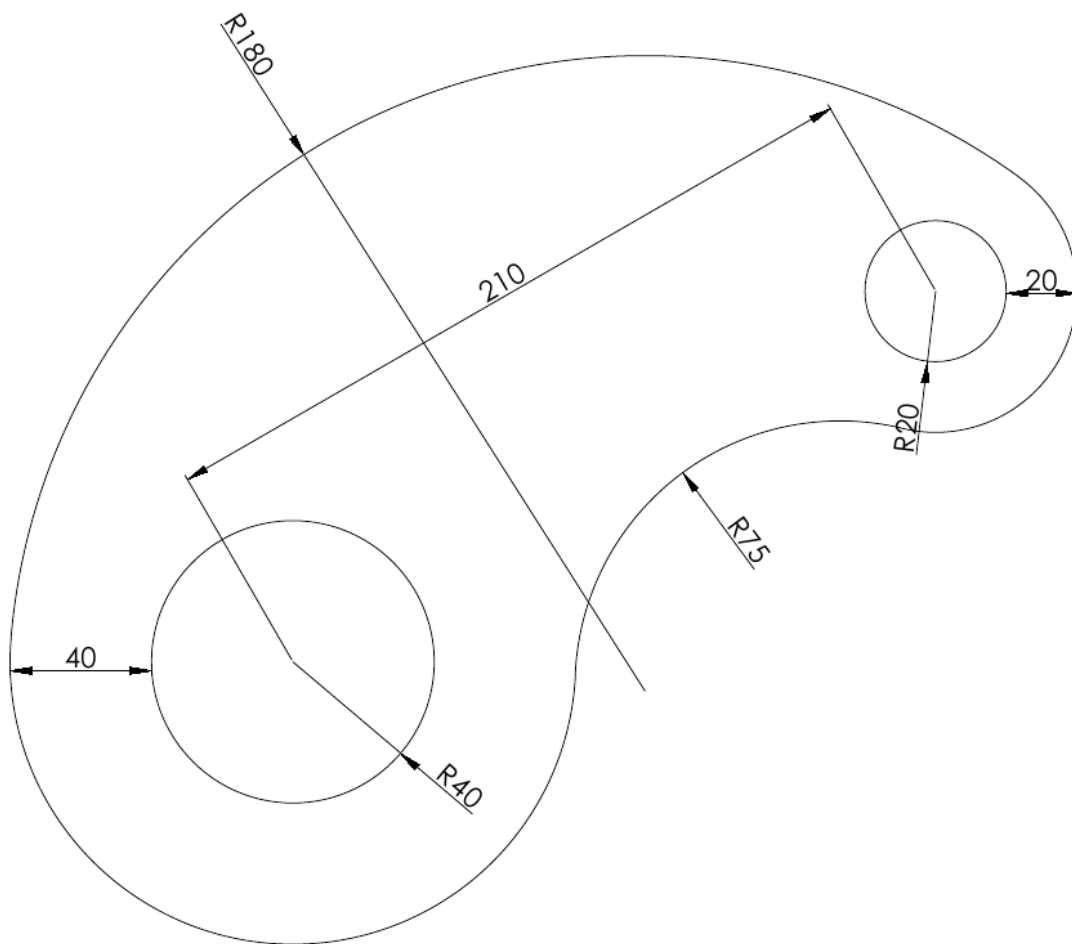
*This CAD Exercise has been solved
in [session #11](#)*

Exercise 14



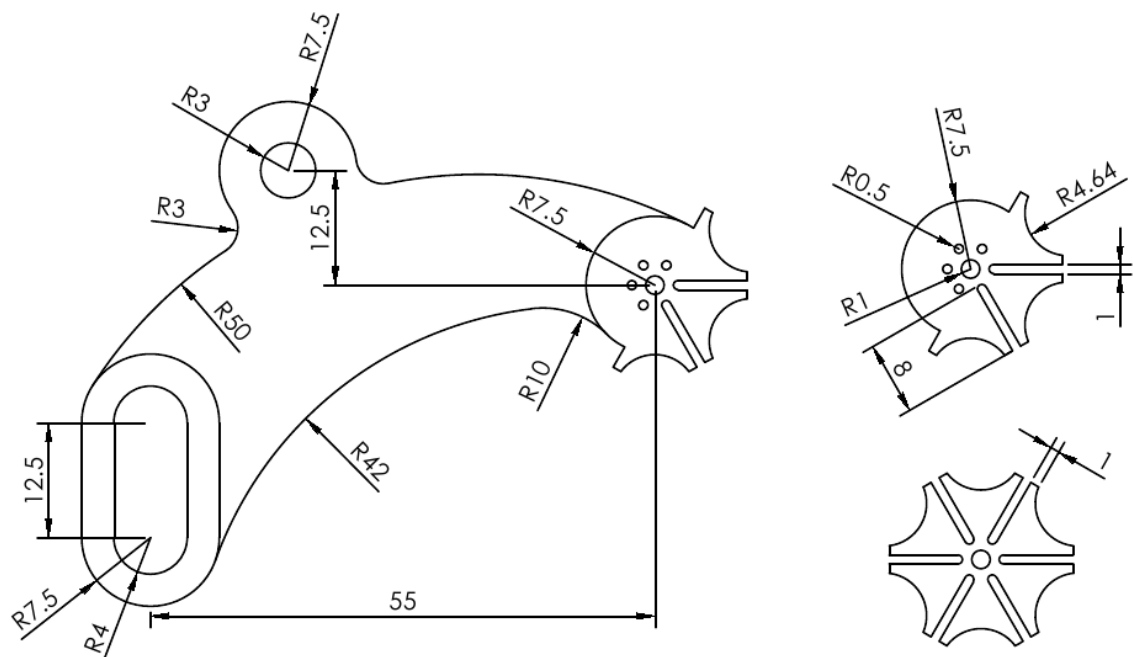
*This CAD Exercise has been solved
in [session #13](#)*

Exercise 15

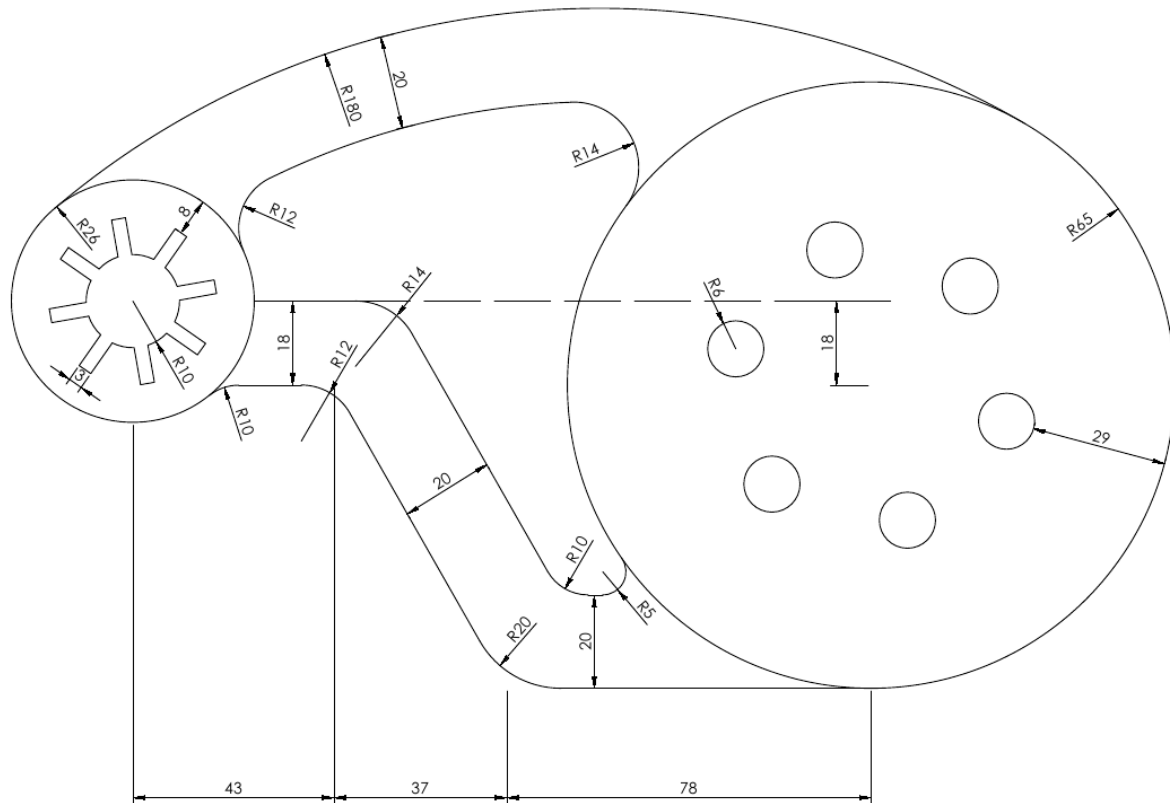


*You will find it funny how easy this one is
when you check instructions in [session #8](#)*

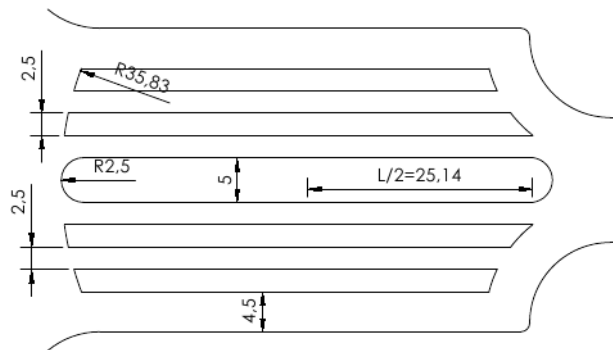
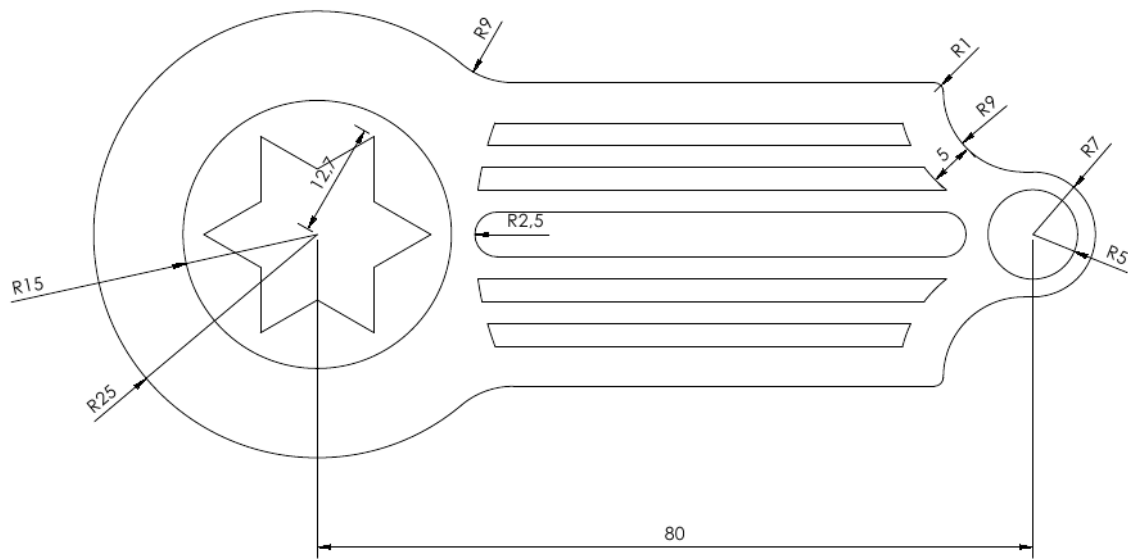
Exercise 16



Exercise 17



Exercise 18



Exercises 16, 17 and 18 are solved on CadExercises.com. What they are supposed to help you learned have been stated there as well.

Helpful Tools

Here are some useful tips (For AutoCAD users)

[9 tips you should know on your Day 1 – Using AutoCAD](#)

[How to Create an Array in AutoCAD](#)

[How to create a pipe in AutoCAD](#)

[How to Render in AutoCAD 2011](#)

[How to Change the Render Background in AutoCAD](#)

Thank You!

This ebook has been brought to you by CadExercises.com

Hope you have enjoyed this eBook and as much we at ComputerAidedDesignGuide.com like providing free content.

We appreciate each and everyone one of you for taking time out of your day or evening to use this material, and if you have an extra second, we would love to hear what you think about this eBook and what we should include in the Part II which is coming soon.

Please [leave a comment](#) or if you'd rather reach us in private, don't hesitate to [shoot us an email](#).

Thanks again, and we wish you nothing less than success in your CAD learning adventure.

Aris Tchoukoualeu & Antone Bewerk
ComputerAidedDesignGuide.com