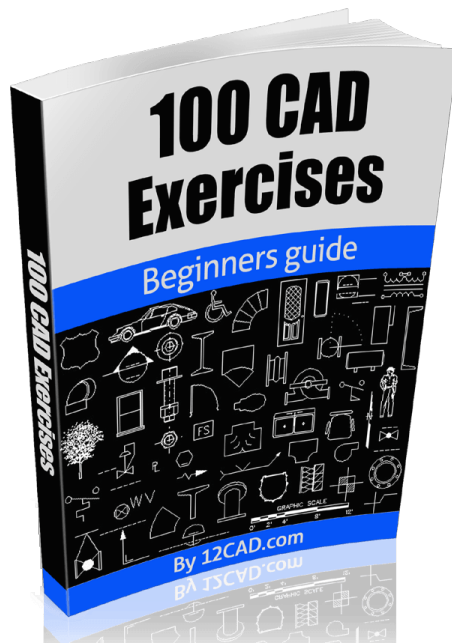


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5 CAD EXERCISES

These exercises are designed to help newcomers and expert in CAD to learn by practicing.

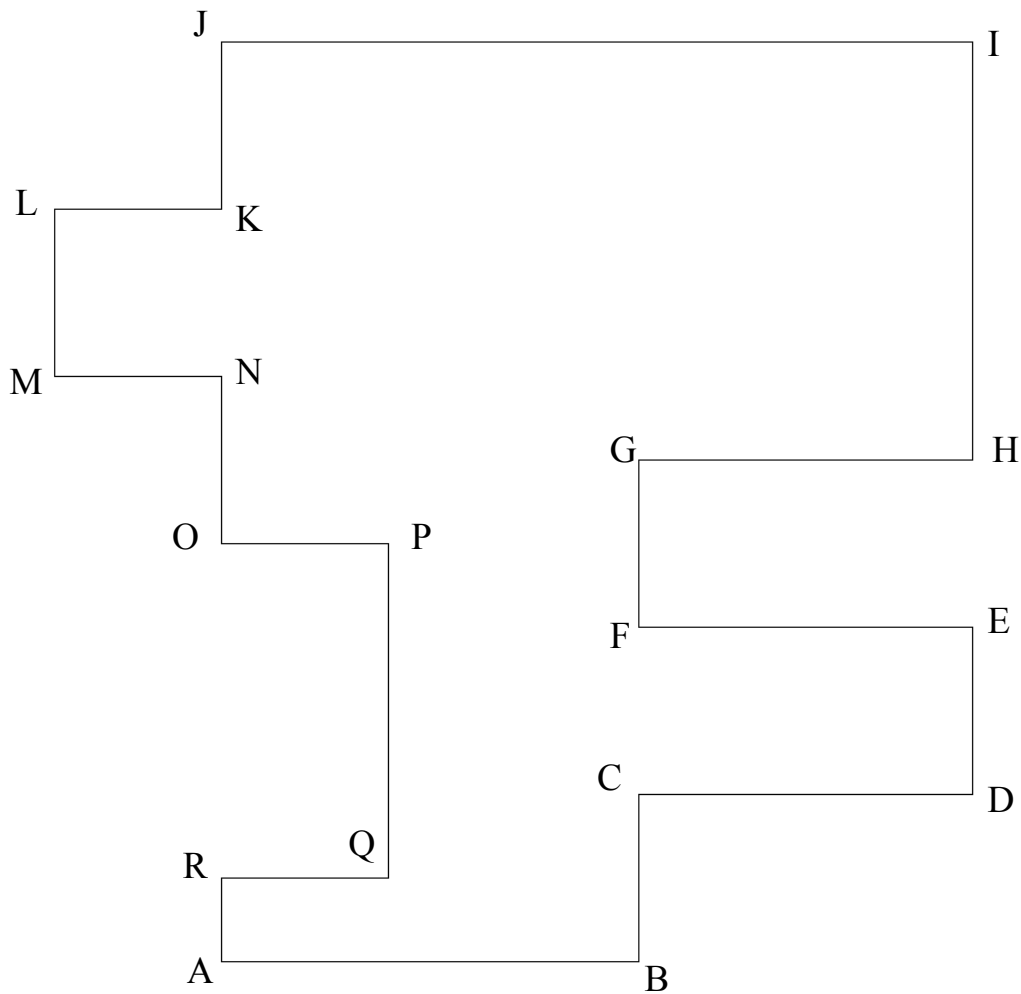
This eBook is a part of the longer series of [100 CAD Exercises](#). We recommend for you to check out those exercises to increase your CAD skills further.

In order to solve these exercises, you may need to read these [series of tutorial](#).

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Exercise 1

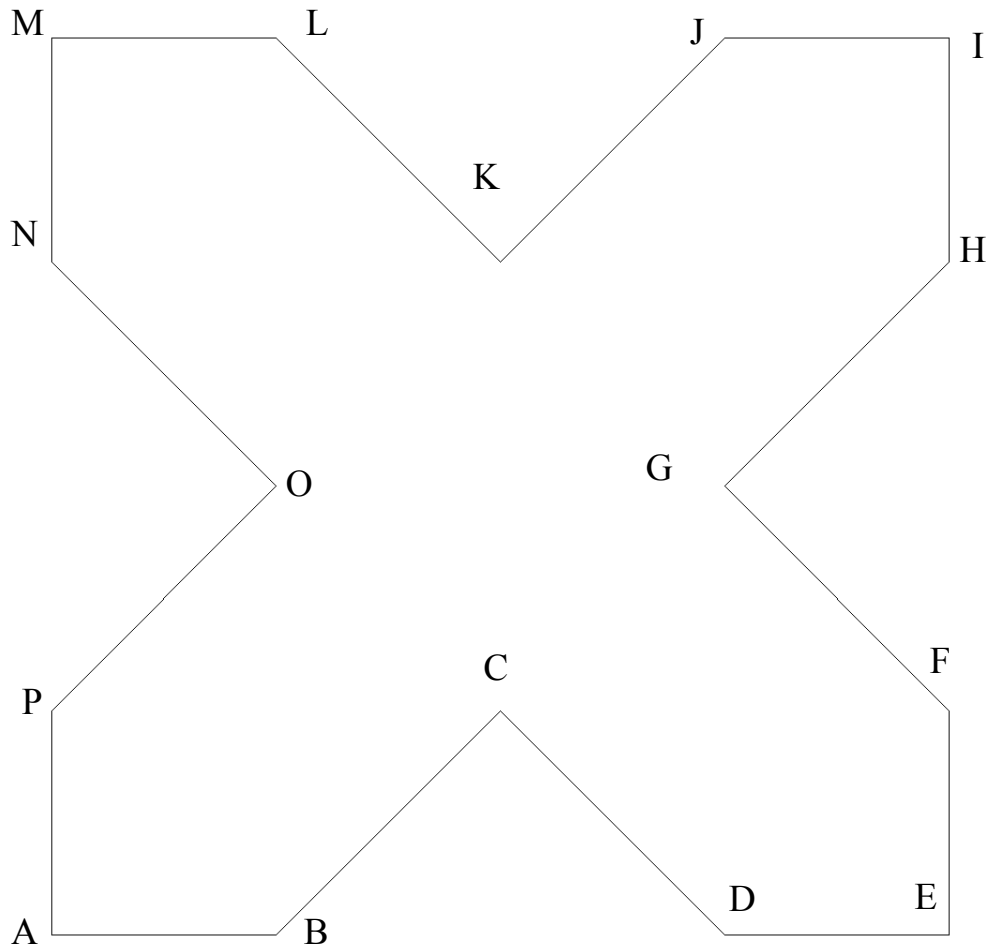


Coordinates:

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 help.

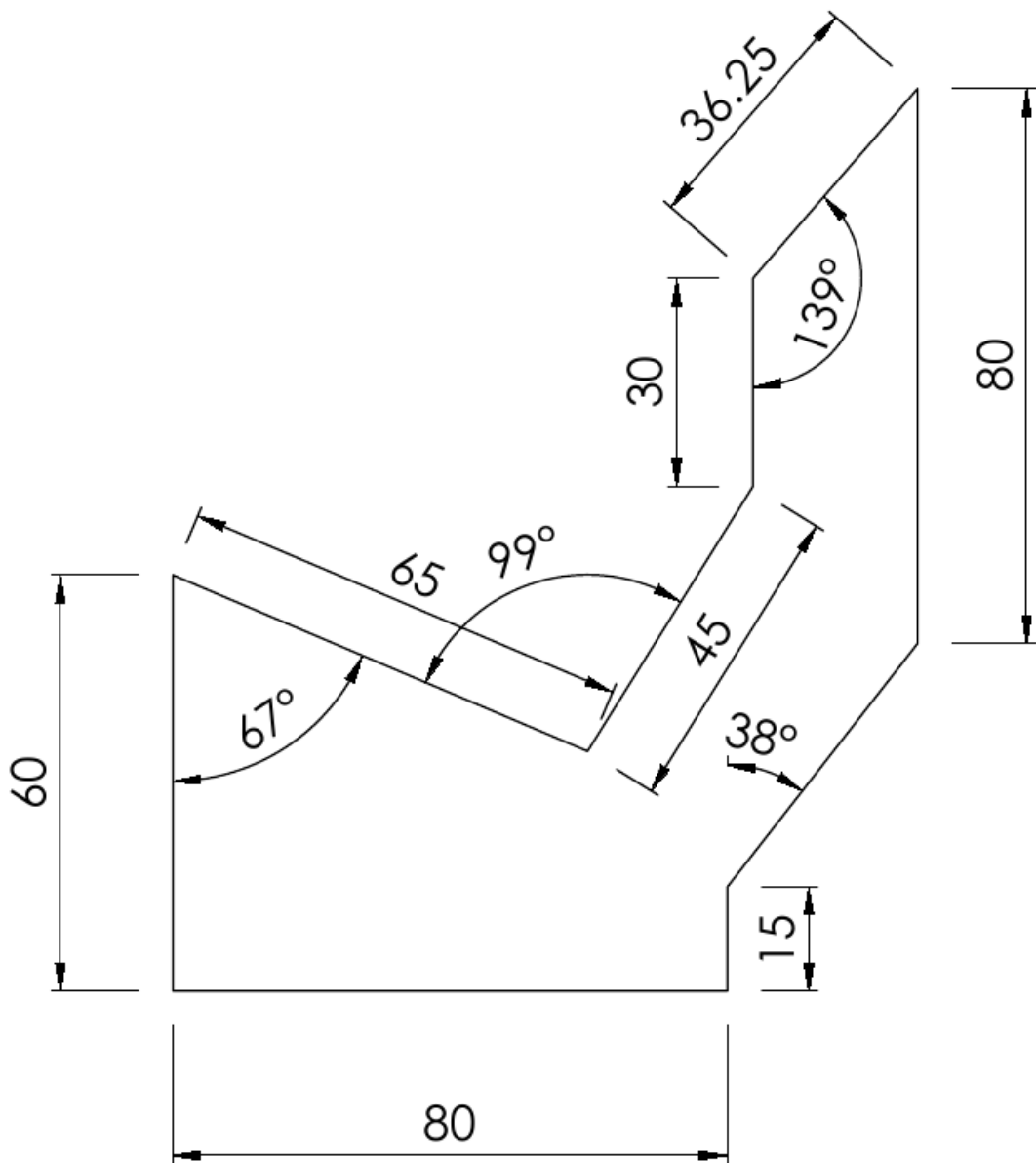
Exercise 2



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).

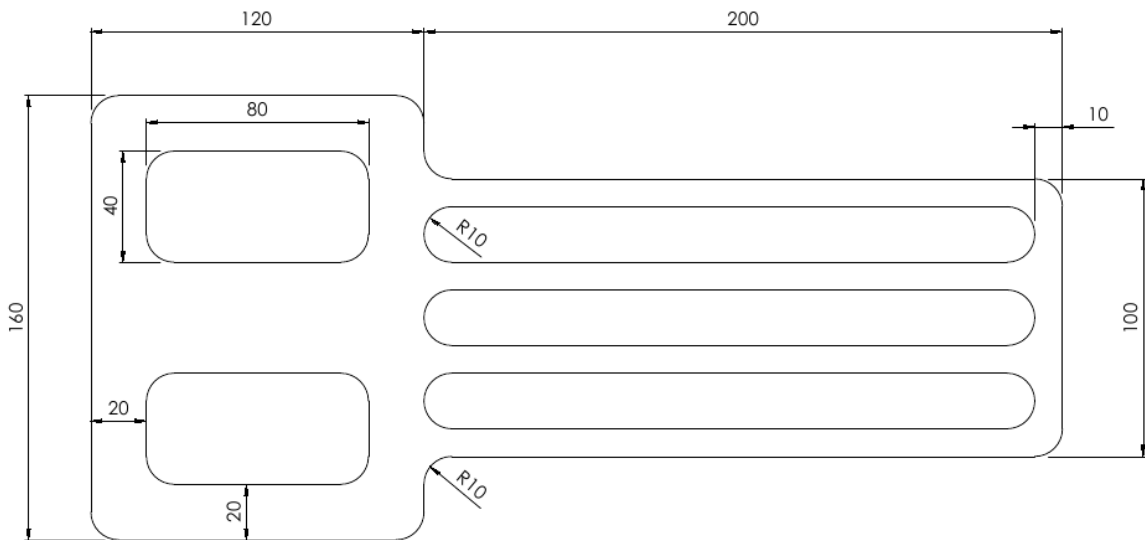
Exercise 3



At this point you must have learned how to draw lines with specific angles 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 need to figure out a way to use the information properly. You may want to check [session #2 to #4](#).

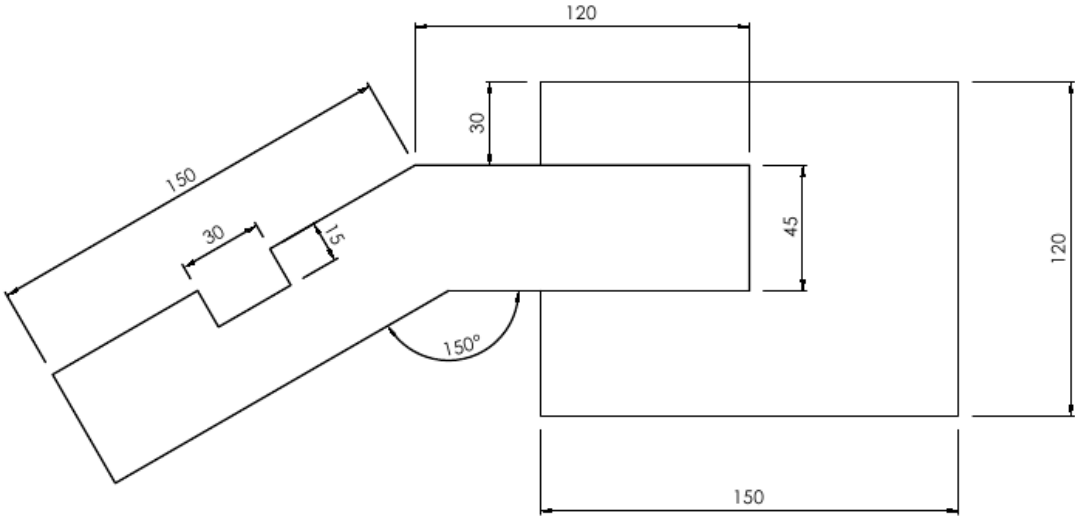
HINT: handle your drawings in a clockwise fashion.

Exercise 4



This exercise has been solved [in session #12](#). The objective is not just to draw; it is also to learn how to use different commands. That is why I recommend for you to try it on your own and after take a look at [how I did it](#).

Exercise 5



HINT:
Draw the line of length 150 (with 0 degree to the ground) before rotating it. Then, you can easily rotate it using the ROTATE command. How do you get the angle?