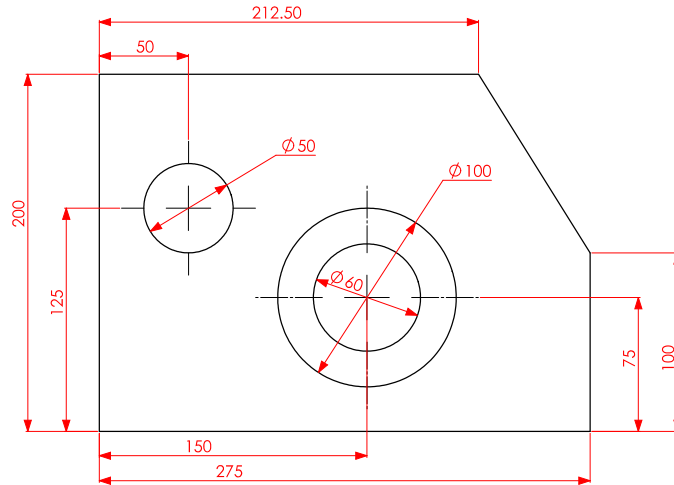
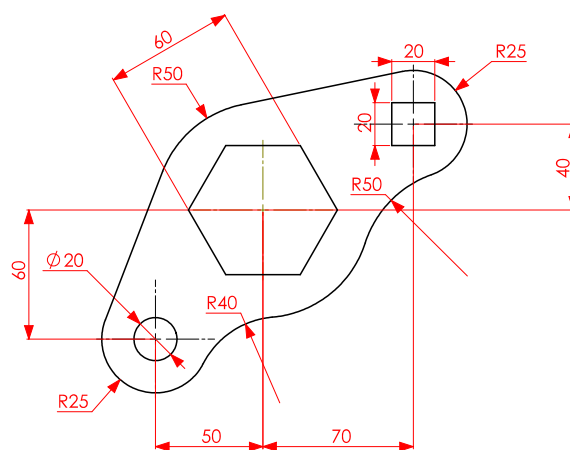


1. For the given figure fill in the below table with the command entries for the positions of the three circles expressed in absolute, relative and polar coordinates. Then verify your answers by drawing the object in AutoCAD and save the file as *YOURNAME-EX1*



Circles	Absolute (X,Y)	Relative (@X,Y)	Polar (@Distance<Angle)
Ø50			
Ø60			
Ø100			

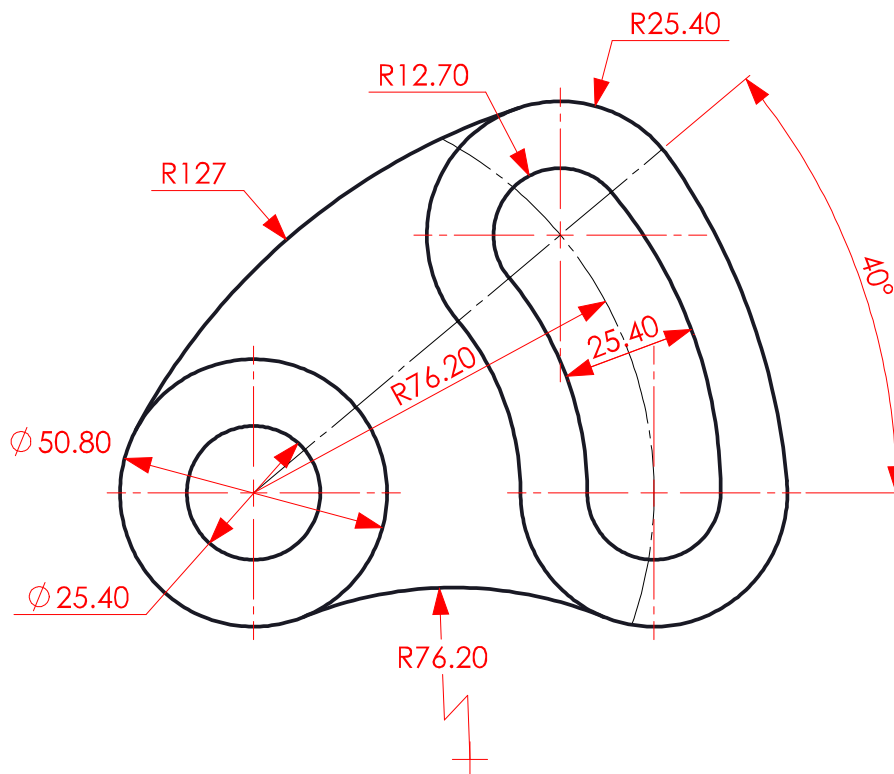
2. In the following figure use the TTR Circles to create the R40 & R50 arcs. Start the exercise by drawing three circles R25, R50, and R25 as shown in the figure. Fill in the below table with the command entries for the positions of the three circles expressed in absolute, relative and polar coordinates. Save the file as *YOURNAME-EX2*



Circles	Absolute (X,Y)	Relative (@X,Y)	Polar (@Distance<Angle)
R25	(0,0)		
R50			
R25			

3. Open a new Metric Drawing and set it up according to the following parameters:

- Set Drawing Units precision to 0.0
- Lower left limits: -200,-150
- Upper right limits: 200,150
- Grid: 10
- Create the following drawing, and save the file as *YOURNAME-EX3*.
- Fill in the below table with the command entries for the positions of the R12.7 circles.



Circles	Absolute (X,Y)	Relative (@X,Y)	Polar (@Distance<Angle)
R12.7 (top)			
R12.7 (bottom)			