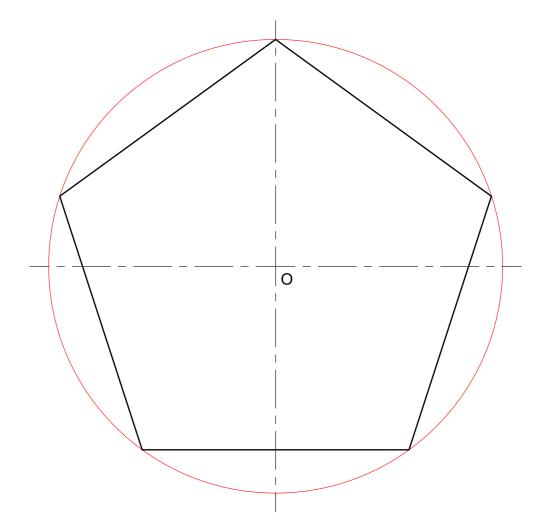
## Pentagon in a circle.

The following is the accurate geometrical construction method to draw a pentagon in any given circle.

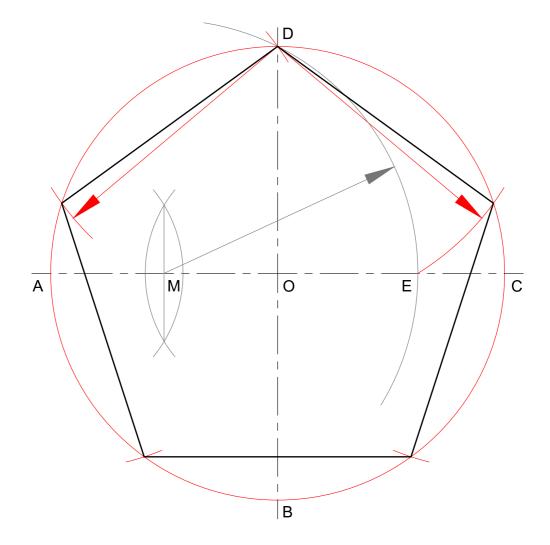


You can visit: <a href="https://youtu.be/N3ZQ\_0T3fog">https://youtu.be/N3ZQ\_0T3fog</a> for a step by step video of the construction method.

Pentagon in a circle - STARTER SHEET			
Draw a reg	gular pentagon insi	de a circle R	60 MM.
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## **Pentagon in a circle - ANSWER SHEET**

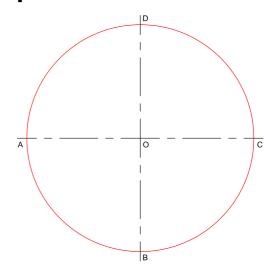
Draw a regular pentagon inside a circle R 60 MM.



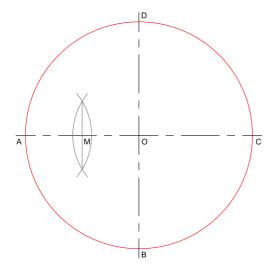
## Pentagon particular method

- 1) Draw circle center O on center lines AC and DB.
- 2) Bisect OA to find mid-point M.
- 3) Draw arc MD to find point E.
- 4) Using length DE for the sides, draw arcs on the circumference starting from the top vertex.
- 5) Draw the 5 sides of the pentagon inside circle center O.

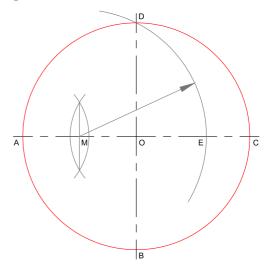
Step 1



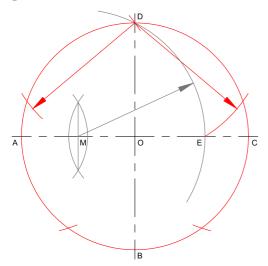
Step 2



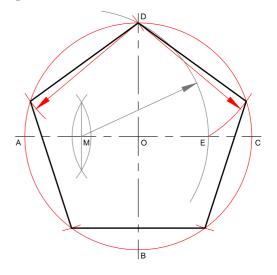
Step 3



Step 4



Step 5



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