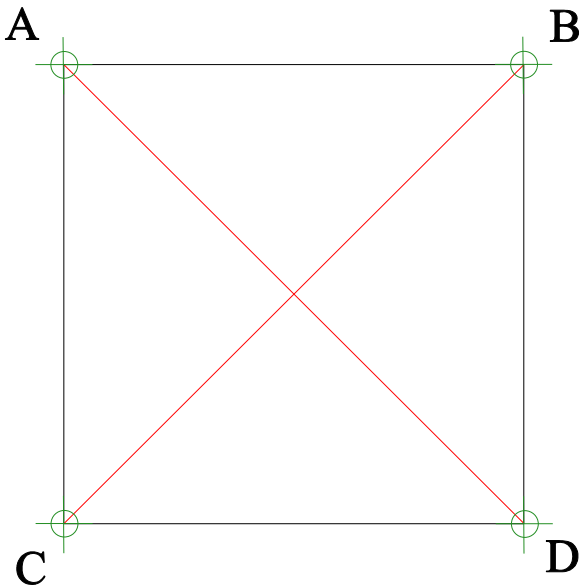
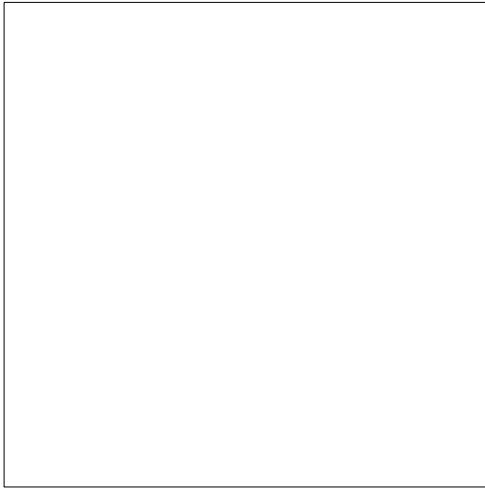
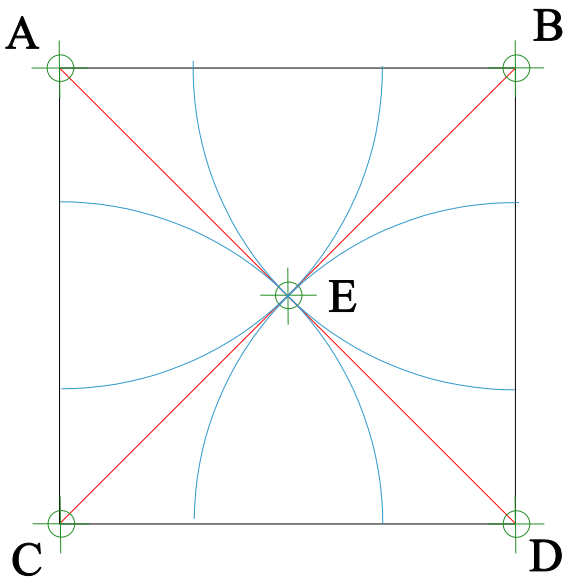


How to Make an Octagon with a Compass and Ruler, Method 1

1 – Draw a square the size of the octagon.



2 – Draw lines from point A to D and B to C

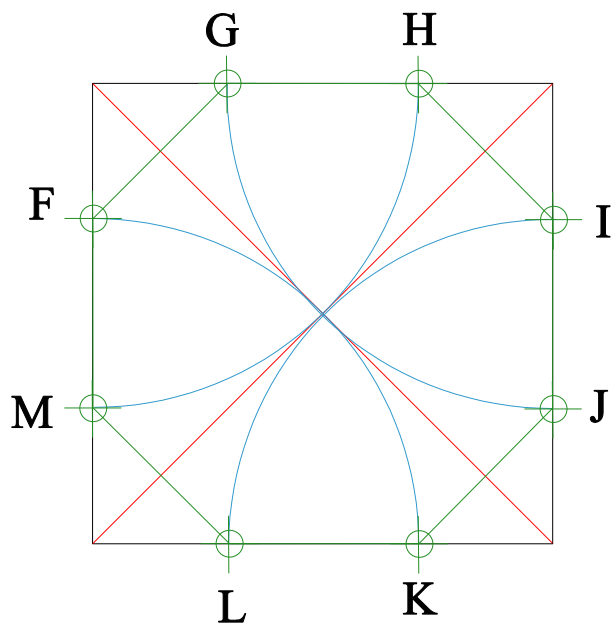


3 – Draw an arc with point A as center and line A – E as radius starting and ending on square sides.

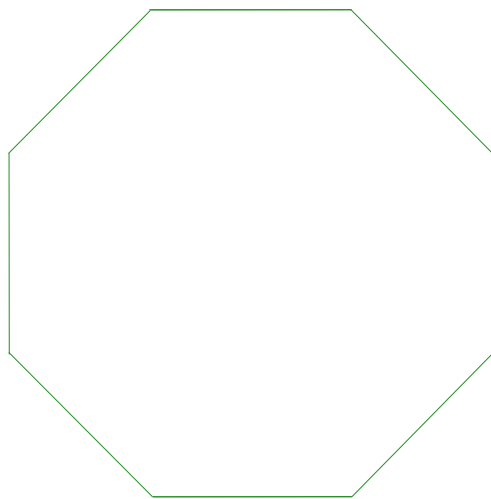
4 - Draw an arc with point B as center and line B – E as radius starting and ending on square sides.

5 - Draw an arc with point C as center and line C – E as radius starting and ending on square sides.

6 - Draw an arc with point D as center and line D – E as radius starting and ending on square sides.



- 7 – Draw a line between points F and G
- 8 – Draw a line between points G and H
- 9 – Draw a line between points H and I
- 10 – Draw a line between points I and J
- 11 – Draw a line between points J and K
- 12 – Draw a line between points K and L
- 13 – Draw a line between points L and M
- 14 – Draw a line between points M and F



- 15 – Remove construction lines and the hexagon is complete.