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SANDY KURT

4FOLD PATTERN FROM AGRA FORT IN INDIA
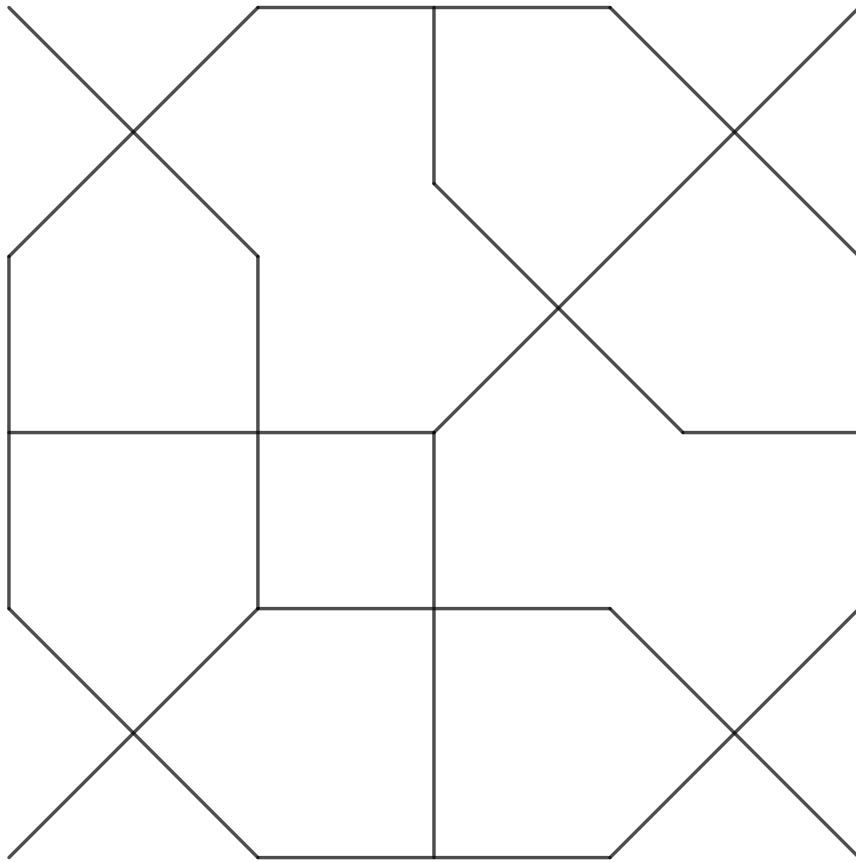
BY SANDY KURT
sandykurt.com
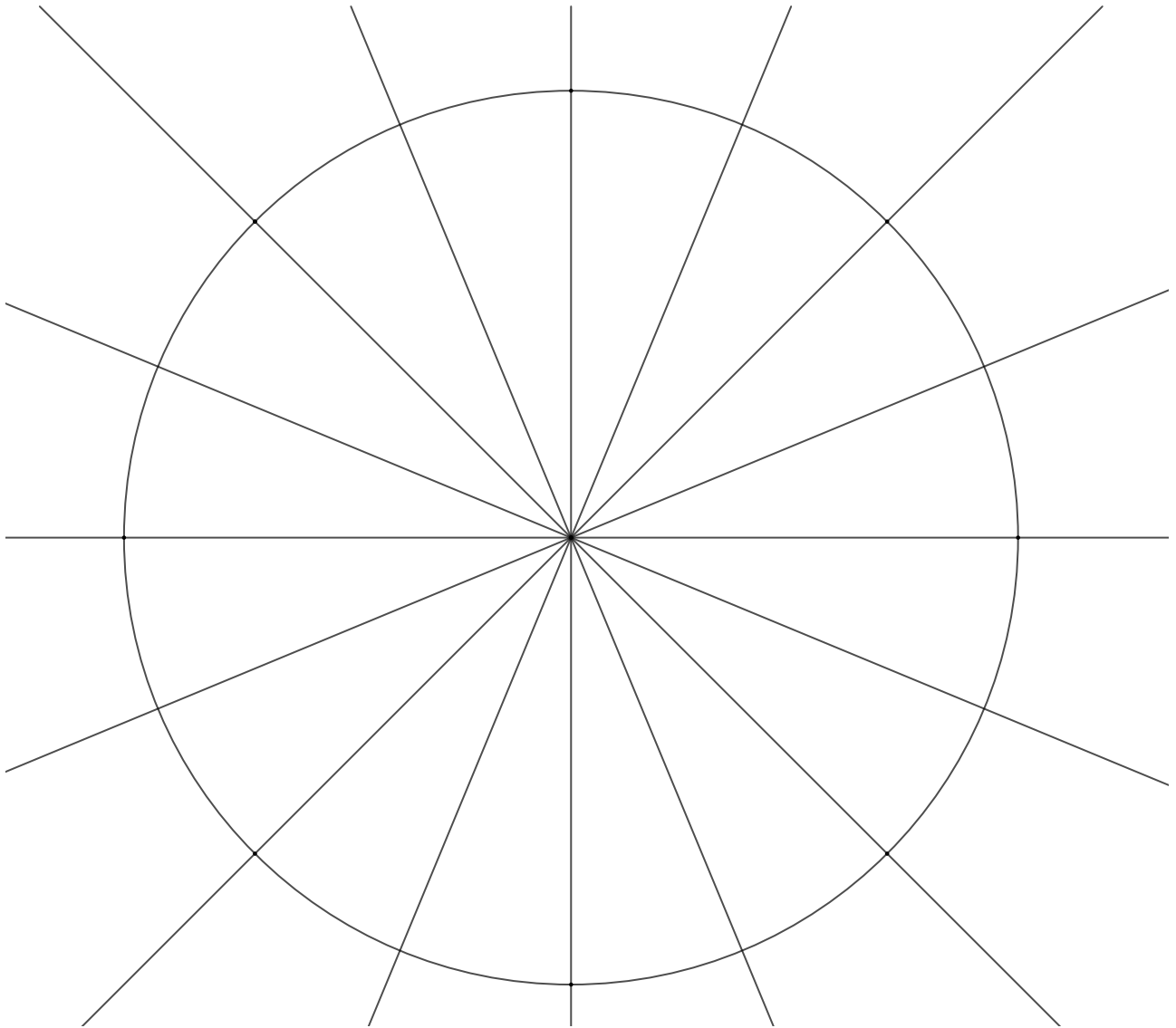
1. START WITH A CIRCLE DIVIDED INTO 16 EQUAL PARTS.
IN CASE YOU NEED IT YOU CAN FIND A TUTORIAL ON HOW TO DIVIDE A CIRCLE INTO 16 EQUAL
PARTS HERE https://sandykurt.com/circle-division-freebie
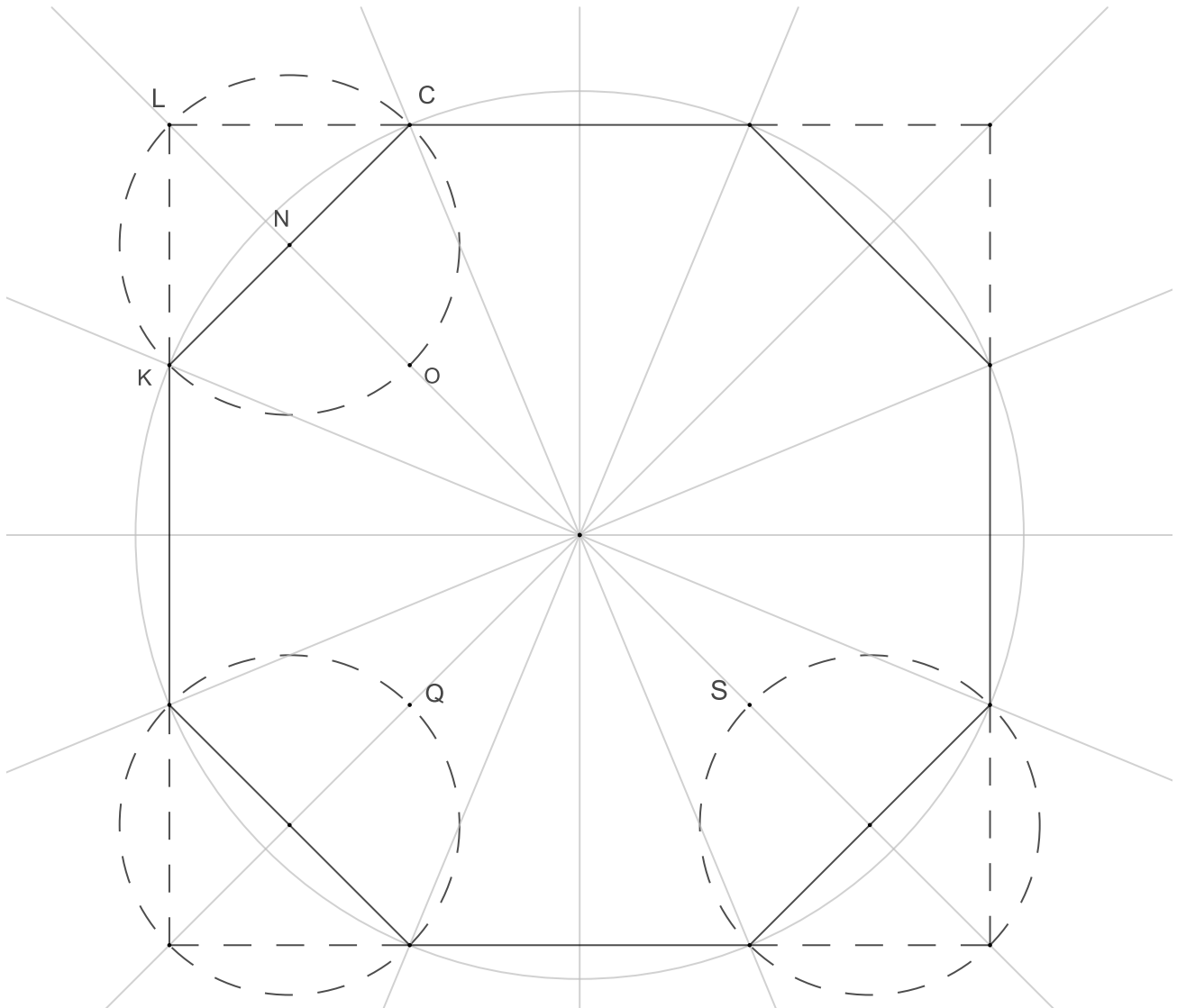
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L

M

L'

M'
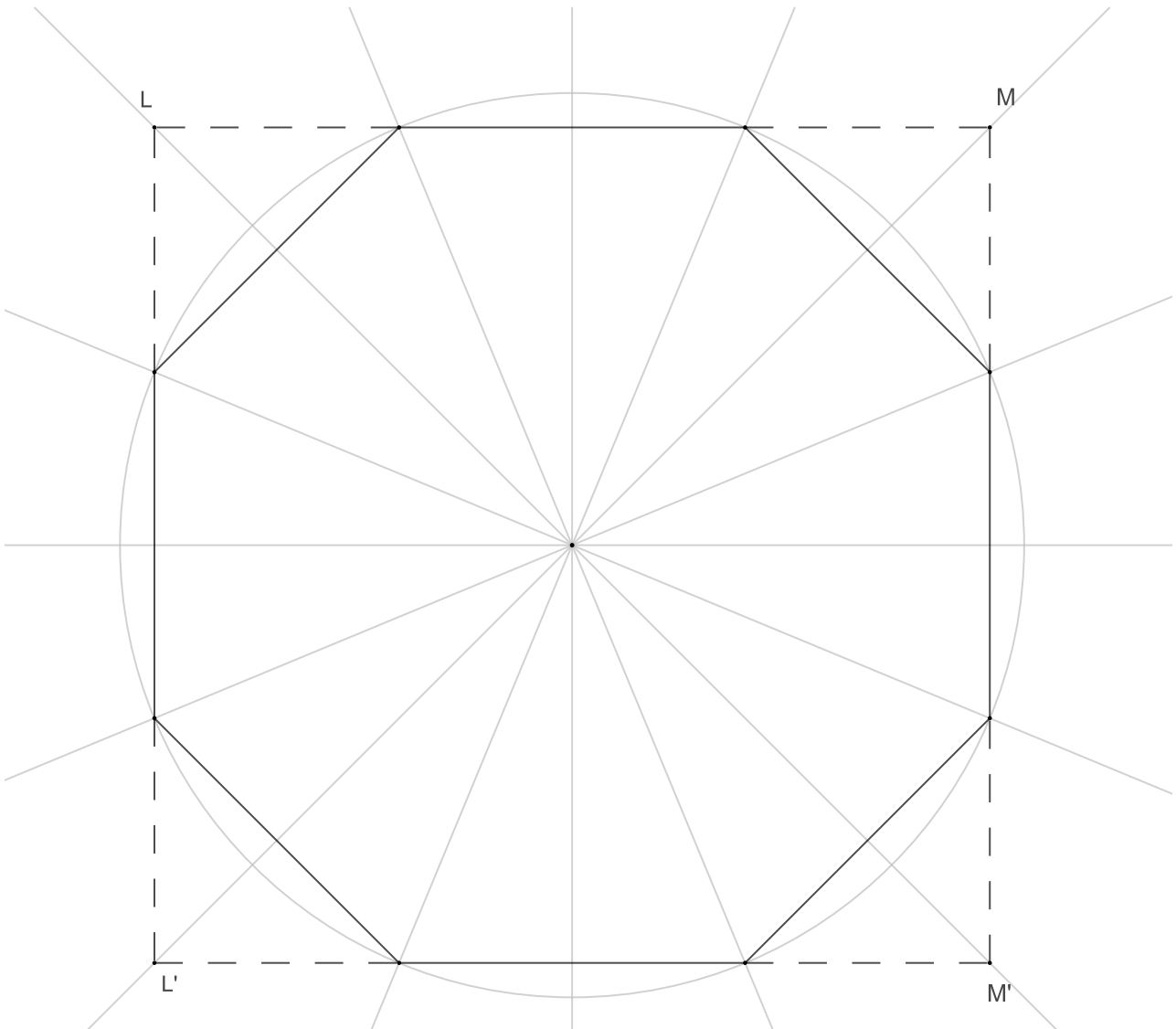
2. DRAW AN OCTAGON INSIDE THE CIRCLE AND FIND POINTS L, M, M', AND L'

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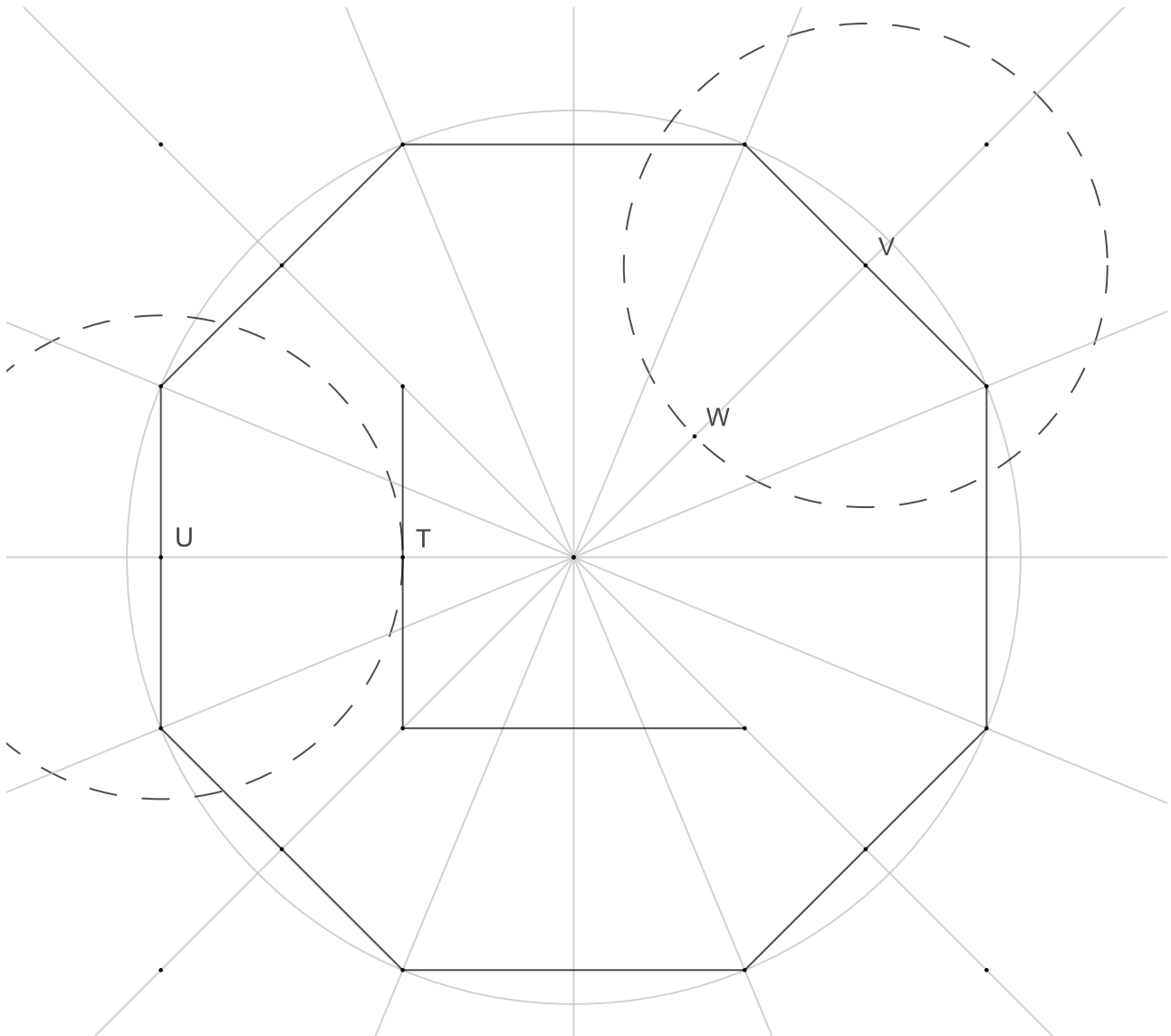@sandy.kurt 📷

3. POINT THE COMPASS ON THE INTERSECTION BETWEEN THE OCTAGON AND THE DIAGONAL (POINT N). OPEN THE COMPASS AND DRAW A CIRCLE PASSING THROUGH POINTS C, L AND K. FIND POINT O. I'M USING THE DASHED LINE BECAUSE WE DON'T NEED THE CIRCLE. WE JUST NEED TO FIND POINT O.
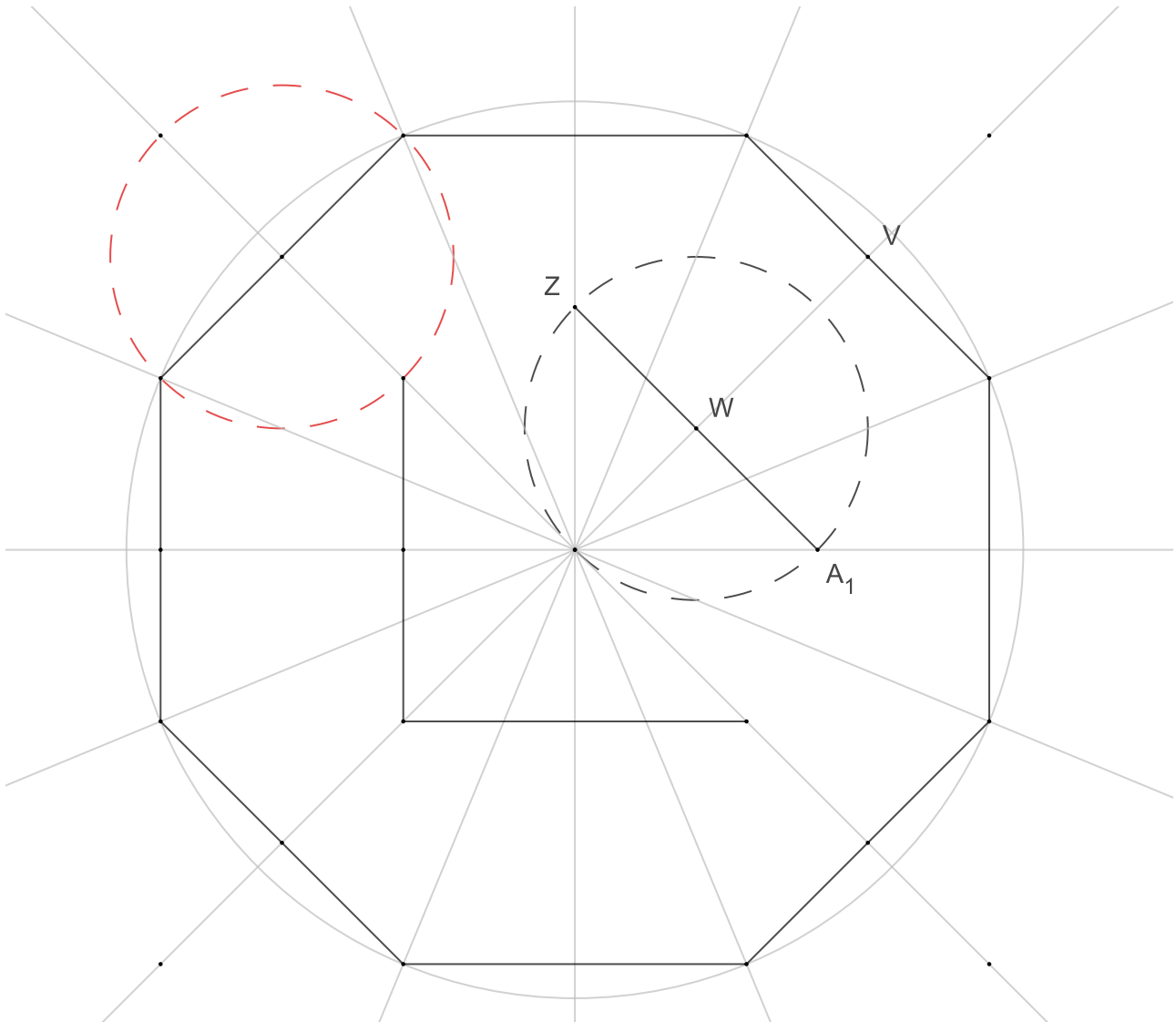DO THE SAME ON THE OTHER POINTS FINDING Q AND S
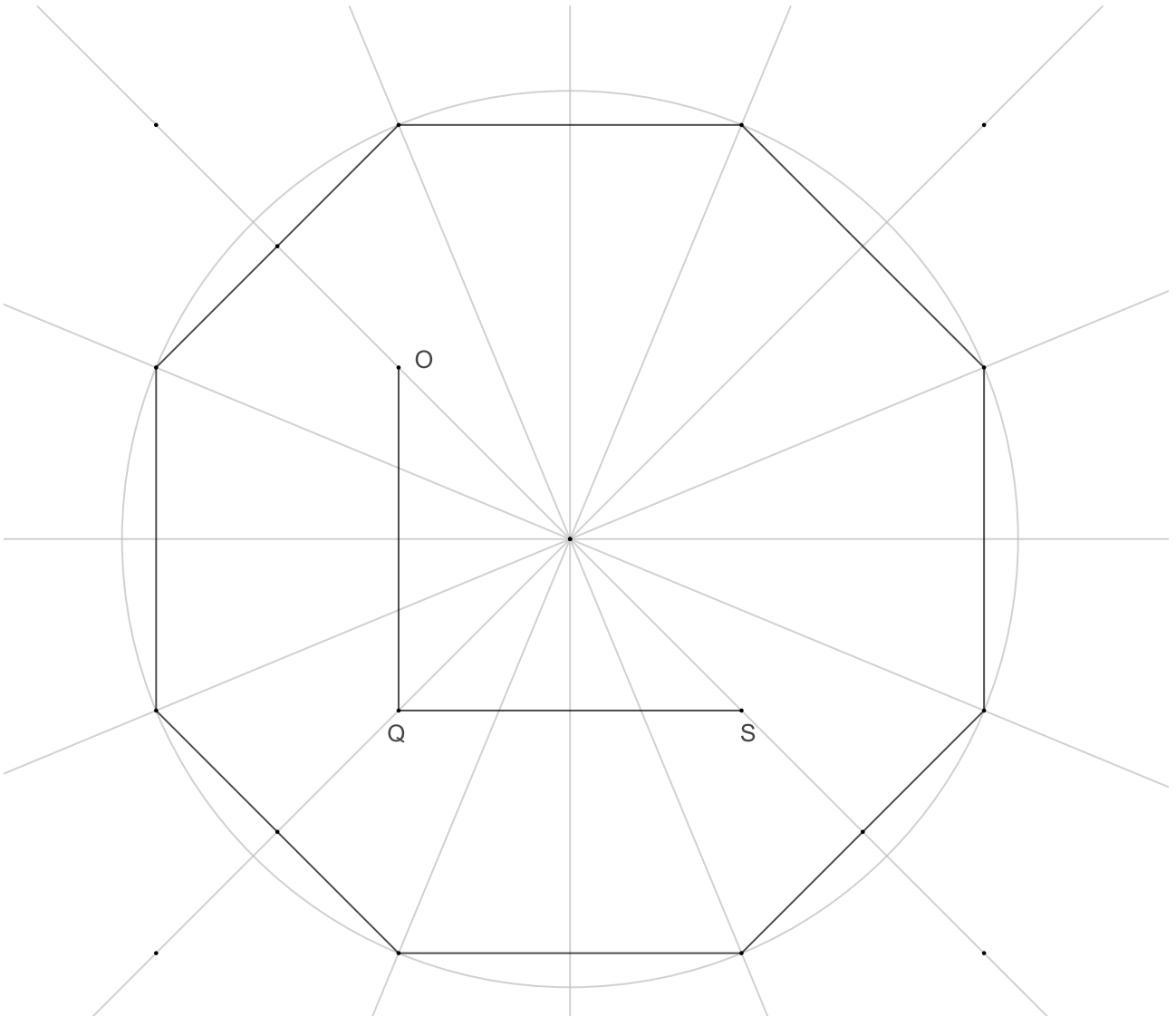
**4. CONNECT POINTS O, Q AND S AS SHOWN**

5. POINT THE COMPASS ON THE INTERSECTION BETWEEN THE OCTAGON AND THE HORIZONTAL LINE (POINT U). OPEN THE COMPASS TO POINT T. NOW USING THE SAME RADIUS POINT THE COMPASS ON V AND FIND POINT W

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6. USING THE SAME RADIUS FOUND AT POINT 3, POINT THE COMPASS ON POINT W AND DRAW
A CIRCLE FINDING THE POINTS Z AND A1. THEN CONNECT THOSE TWO POINT WITH A LINE

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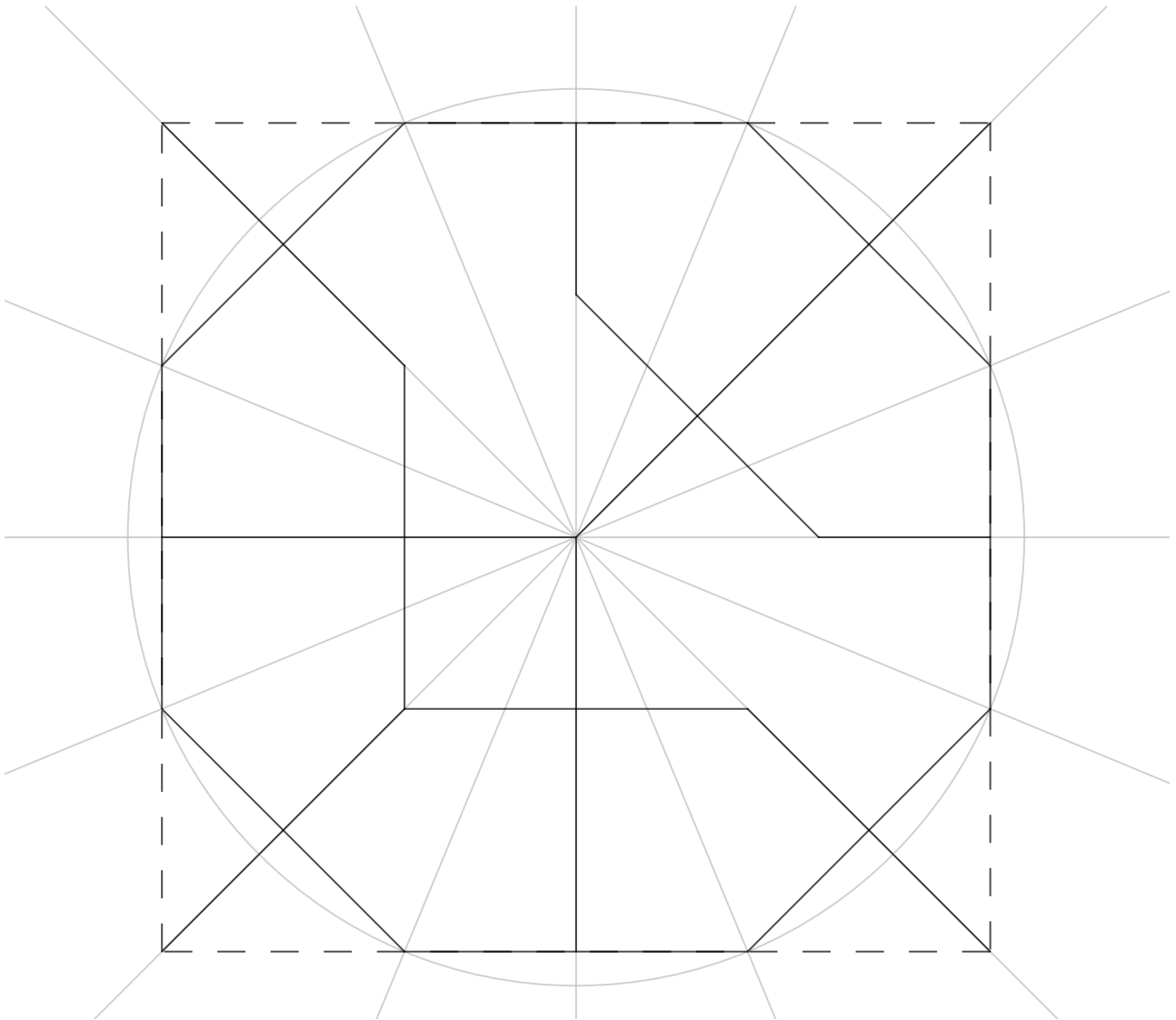
7. HIGHLIGHT THE FINAL PATTERN

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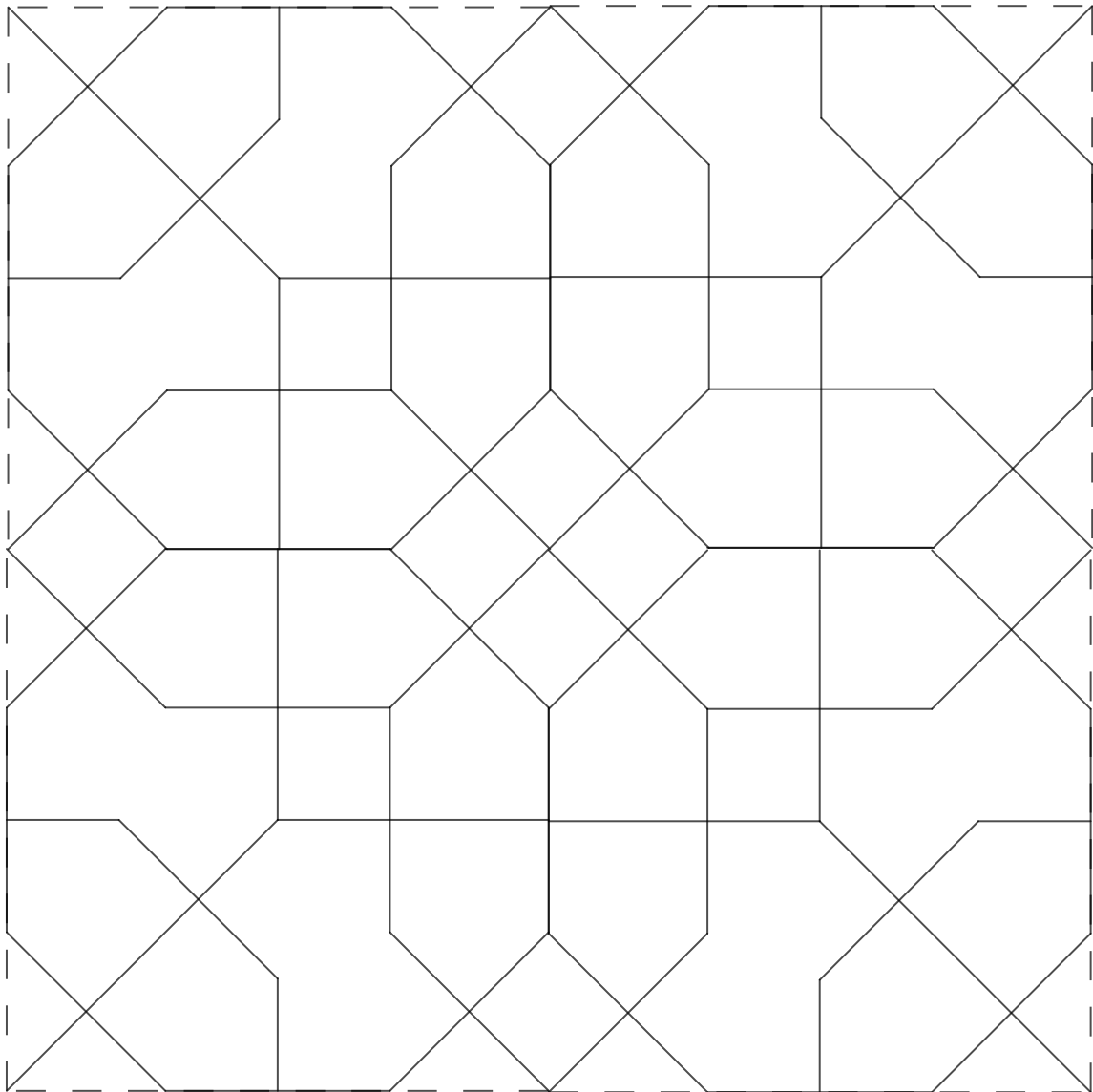
8. ROTATE AND REFLECT TO TILE THE PATTERN TO CREATE A BEAUTIFUL COMPOSITION