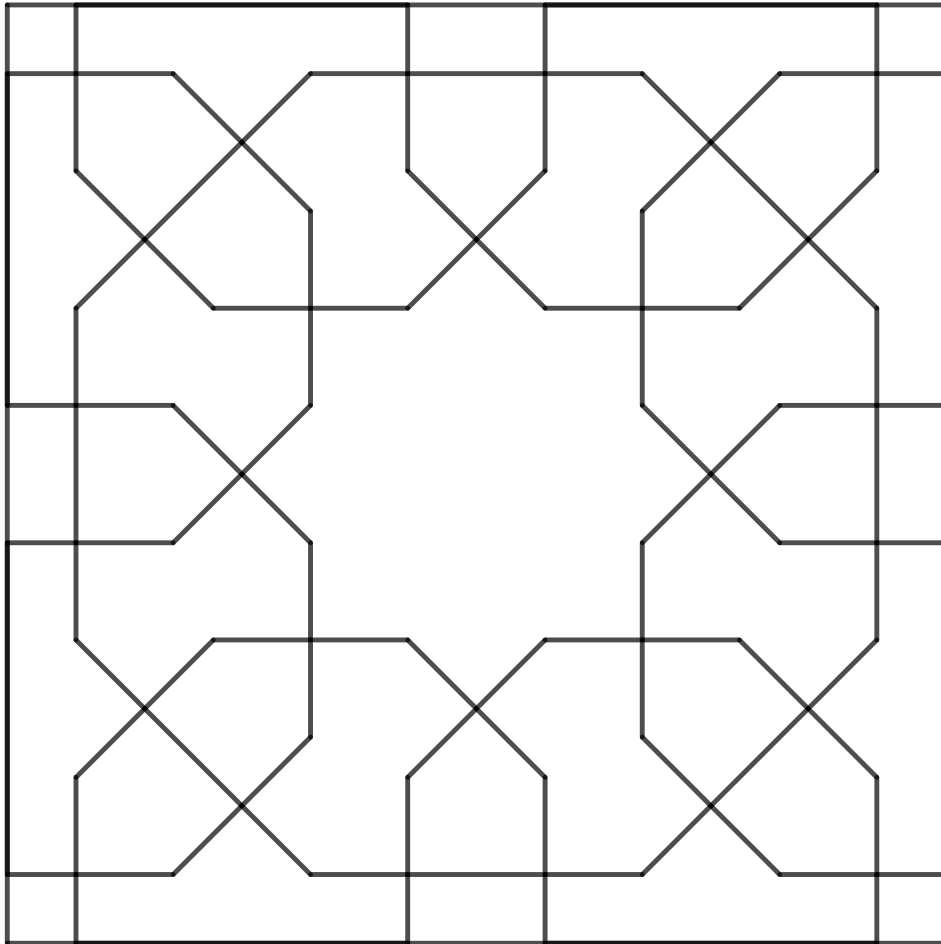




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4FOLD PATTERN FROM AL-HAKIM MOSQUE, ISFAHAN



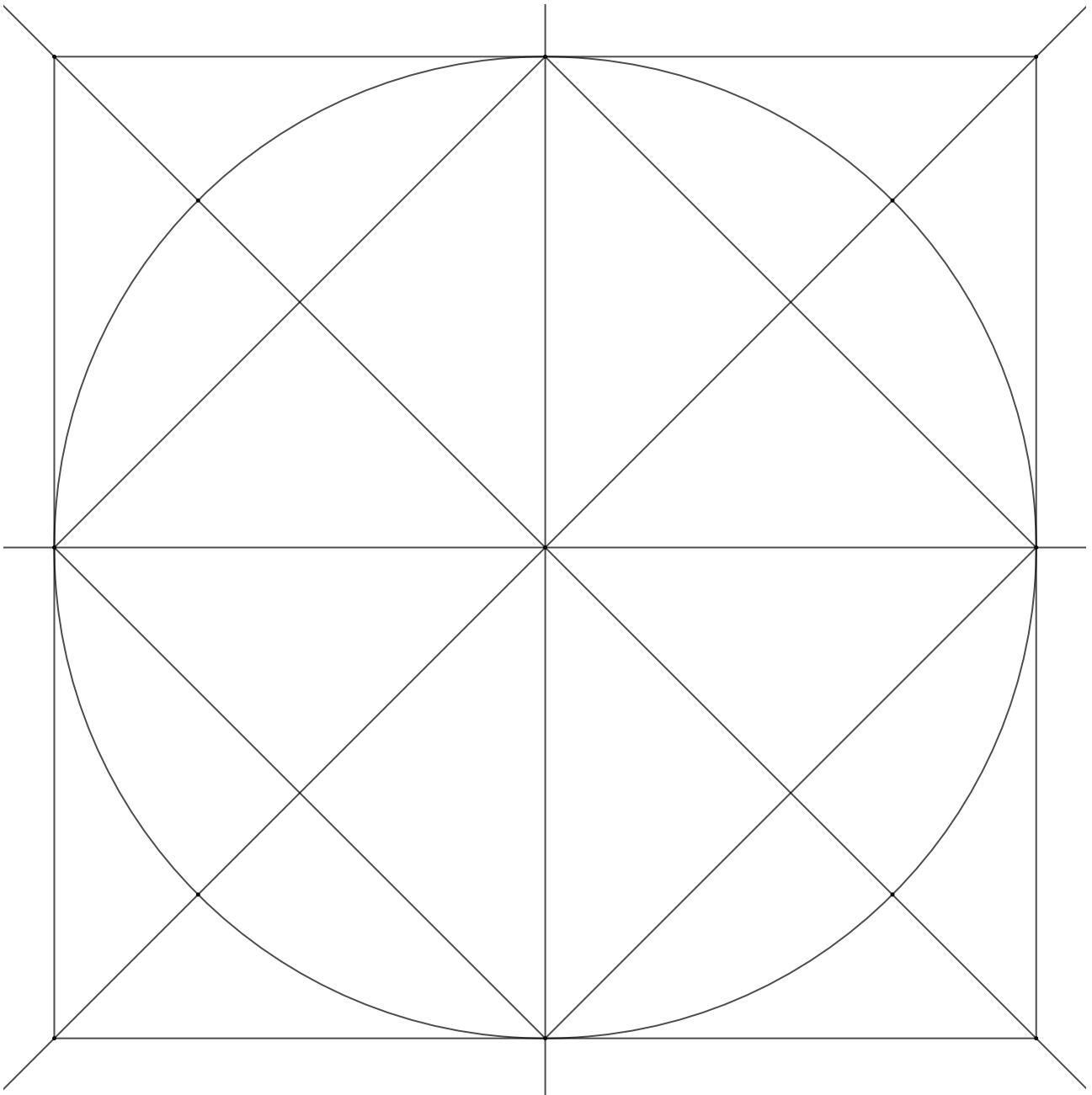
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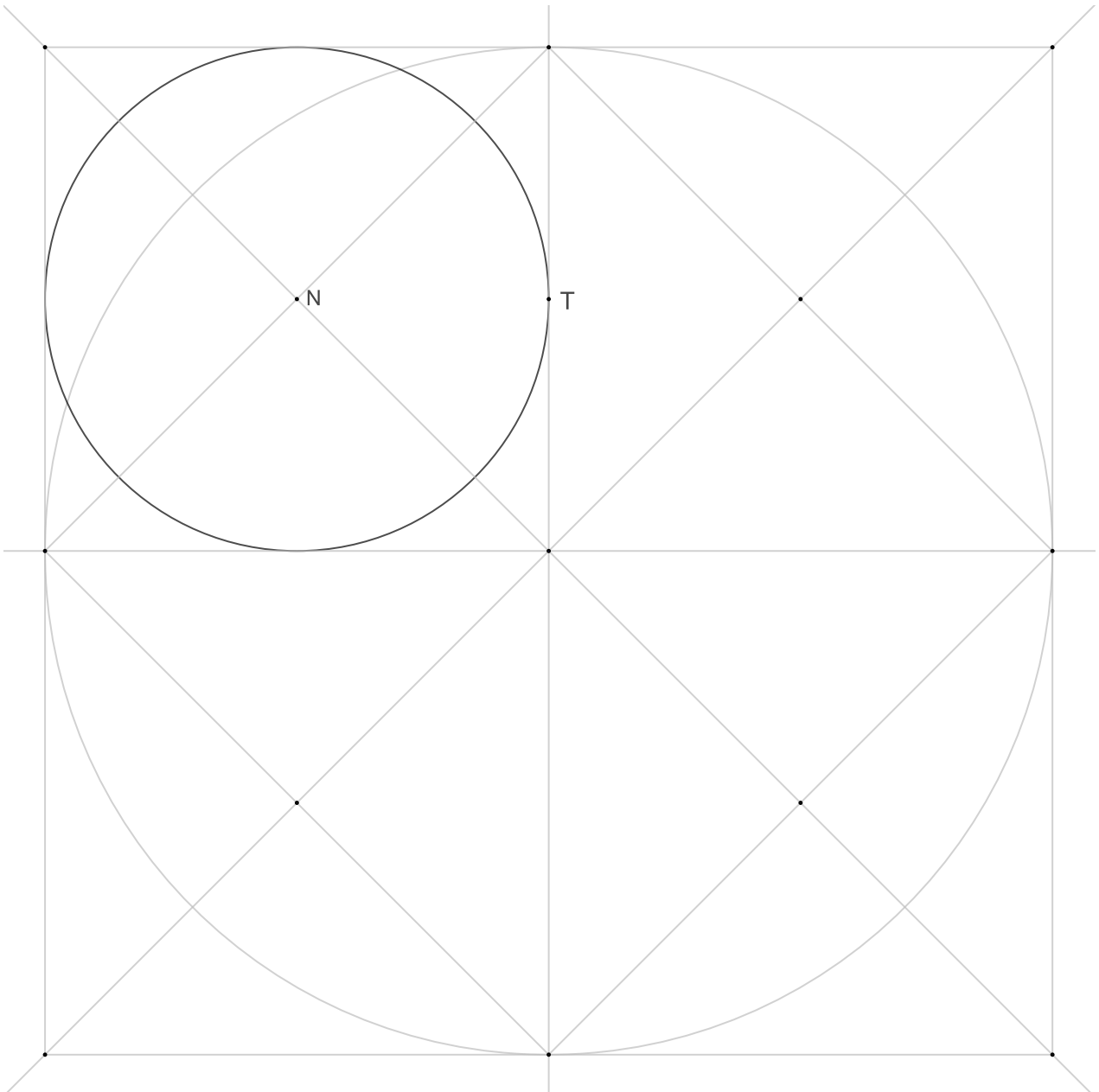
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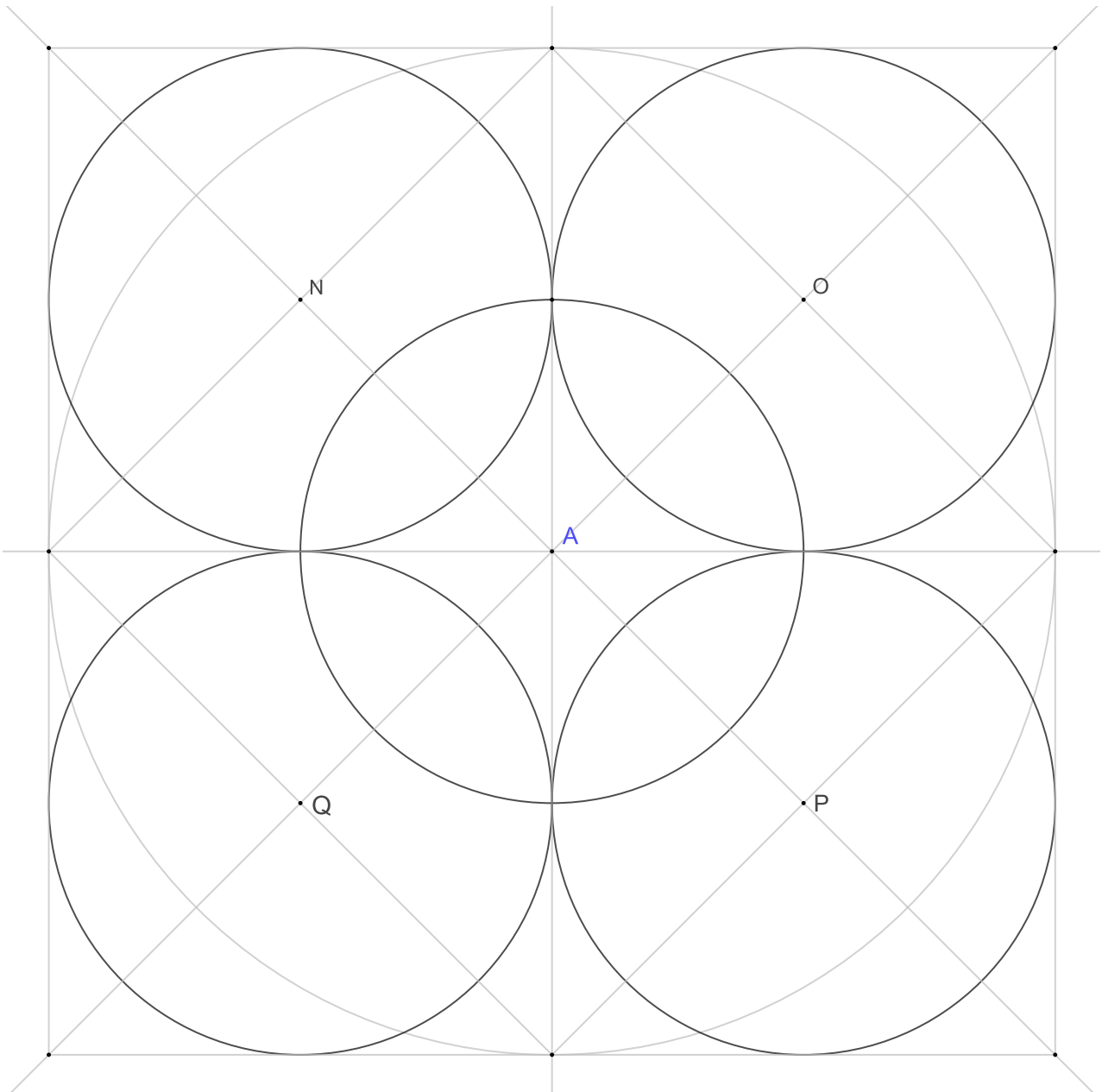
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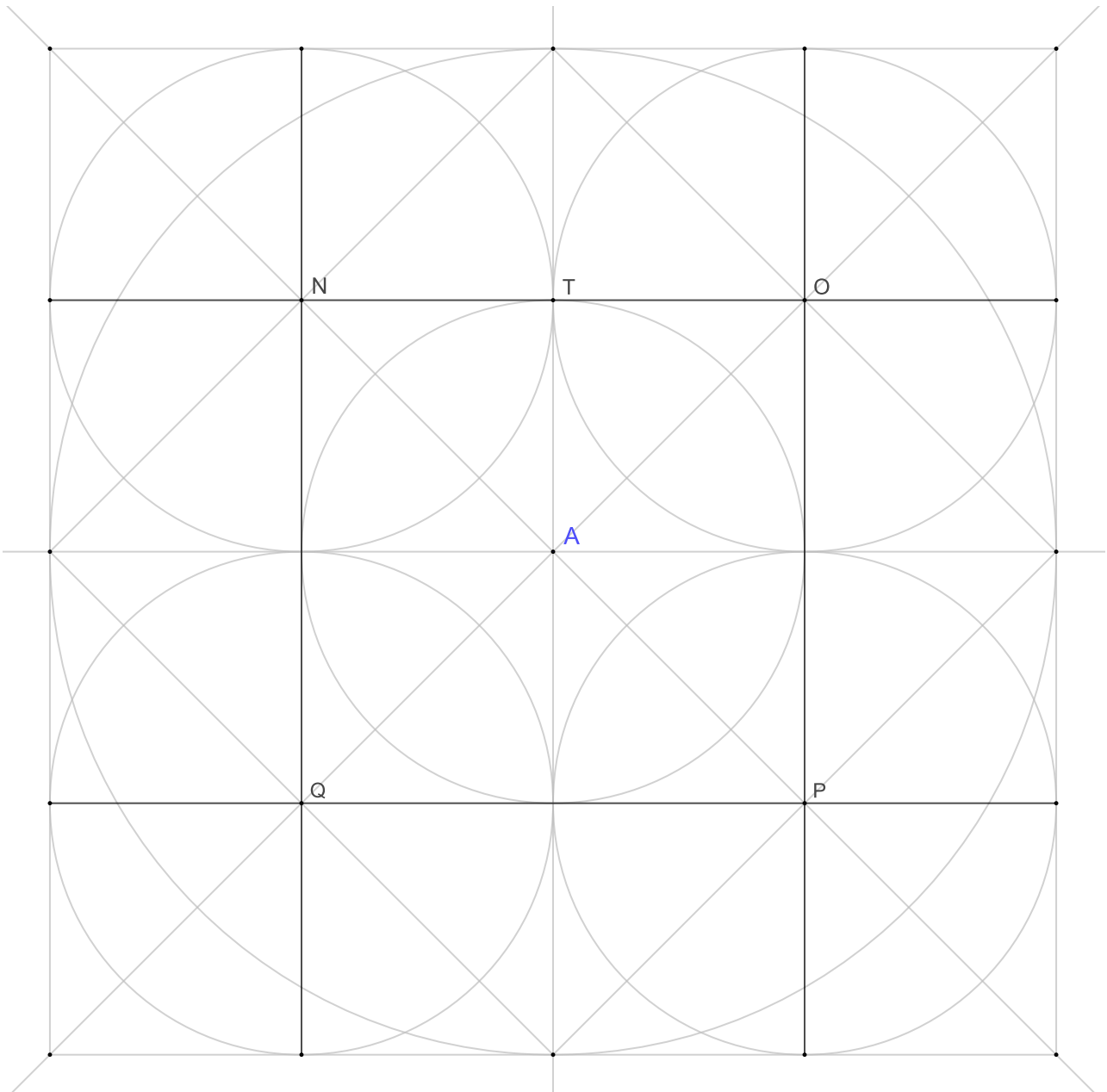
1. START WITH A CIRCLE DIVIDED INTO 8 EQUAL PARTS THEN DRAW A STATIC SQUARE OUTSIDE THE CIRCLE AND A DYNAMIC SQUARE INSIDE THE CIRCLE



2. POINT THE COMPASS ON THE INTERSECTION BETWEEN THE CIRCLE AND THE DYNAMIC SQUARE (POINT N) AND DRAW A CIRCLE TANGENT TO THE VERTICAL AND HORIZONTAL LINE.



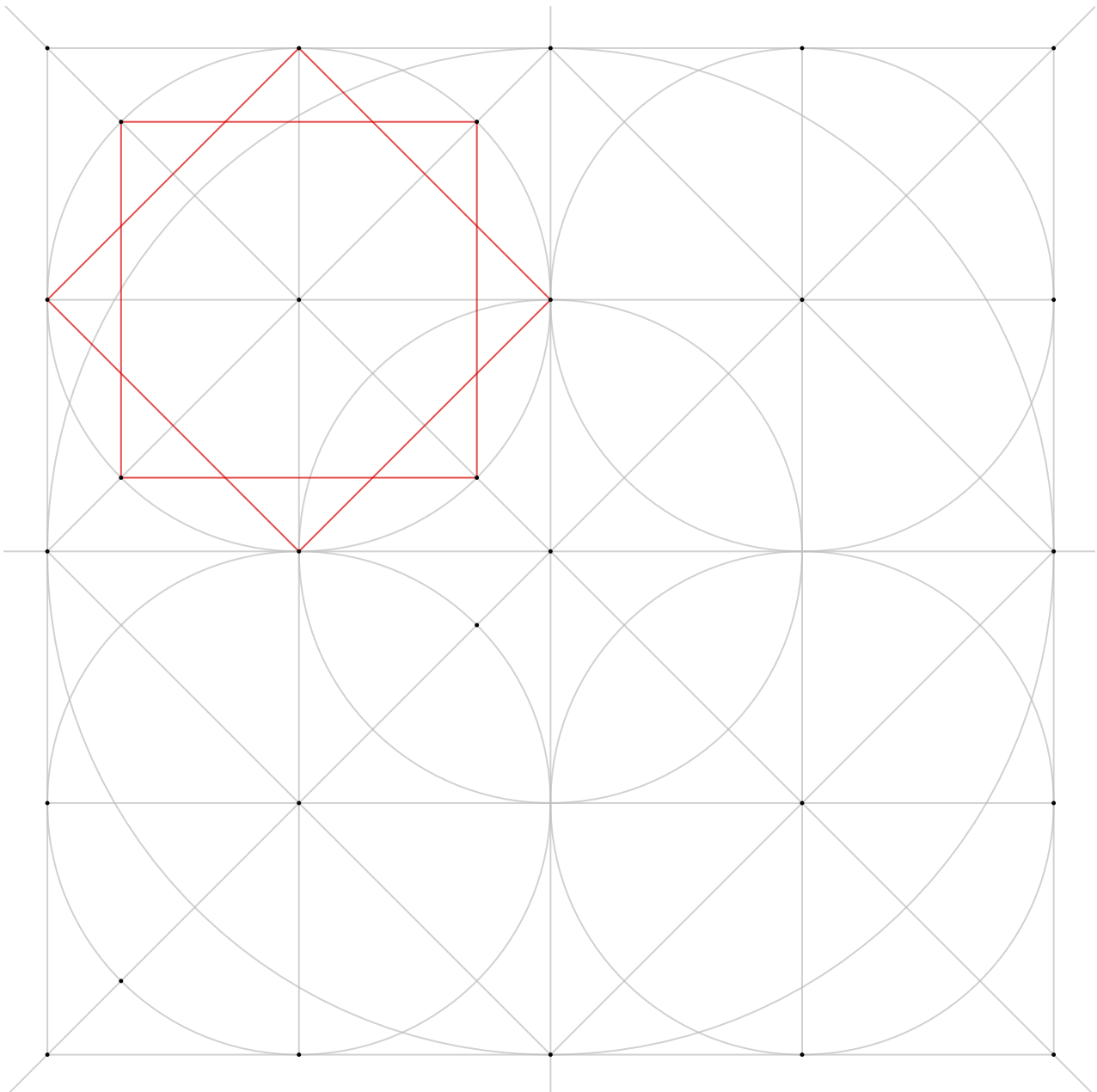
3. USING THE SAME RADIUS POINT THE COMPASS ON THE OTHER INTERSECTIONS BETWEEN THE DYNAMIC SQUARE AND THE CIRCLE (POINTS O, P, Q) AND DRAW A CIRCLE. DO THE SAME IN THE CENTRE (POINT A)



4. CONNECT THE CENTRES OF THE SMALL CIRCLES IN ORDER TO DIVIDE EACH SMALL CIRCLE INTO 8 EQUAL PARTS



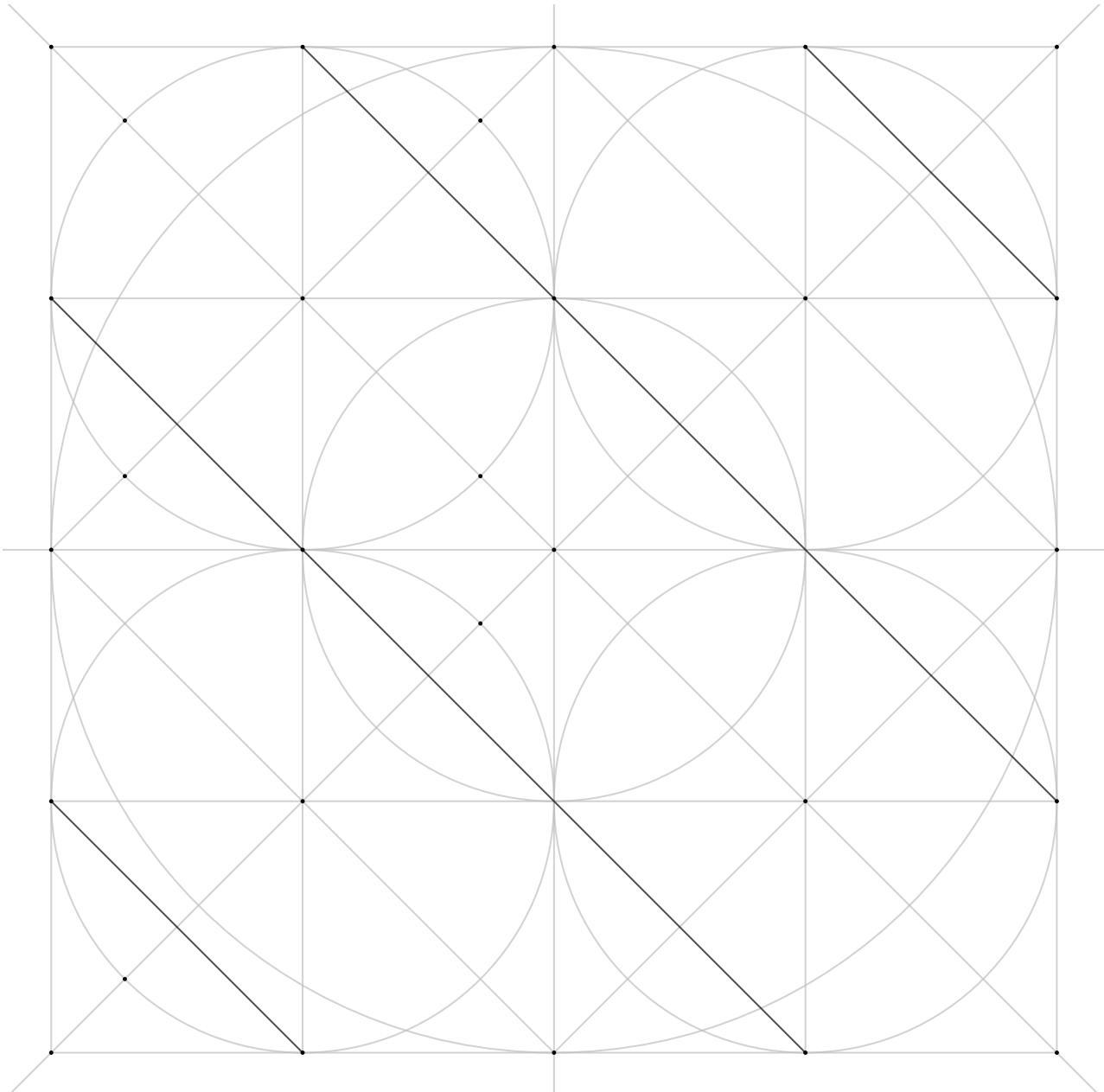
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5. THE AIM OF THE FOLLOWING STEPS IS TO DRAW A STATIC AND DYNAMIC SQUARE INSIDE EACH SMALL CIRCLE. YOU CAN DO IT SEPARATELY IN EACH CIRCLE ONE BY ONE OF FOLLOW THE FOLLOWING STEPS.



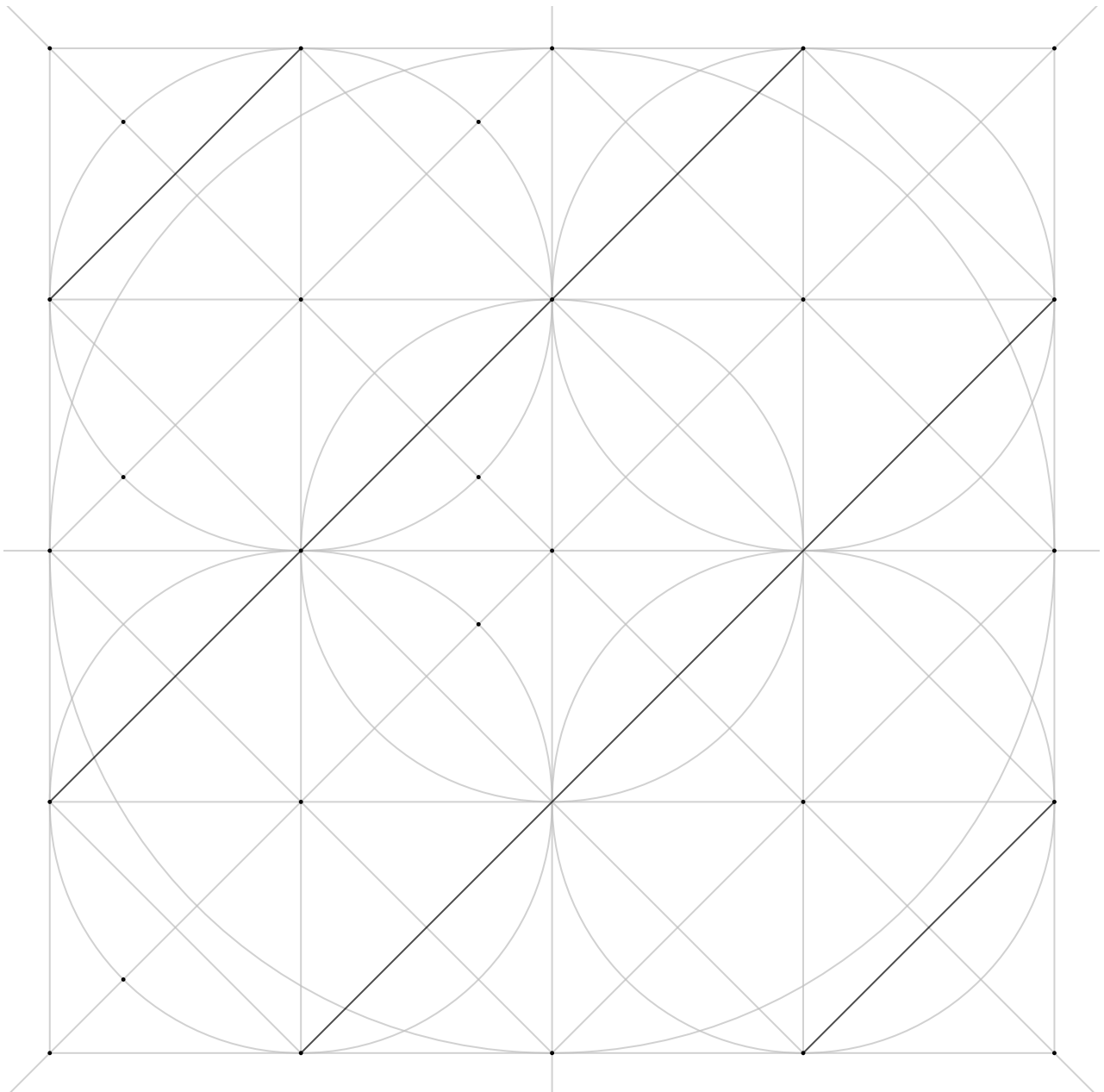
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6. CONNECT THE INTERSECTIONS BETWEEN THE SMALL CIRCLES AND THE VERTICAL AND HORIZONTAL LINES. IN THIS WAY WE ARE DRAWING THE SIDES OF OUR DYNAMIC SQUARE



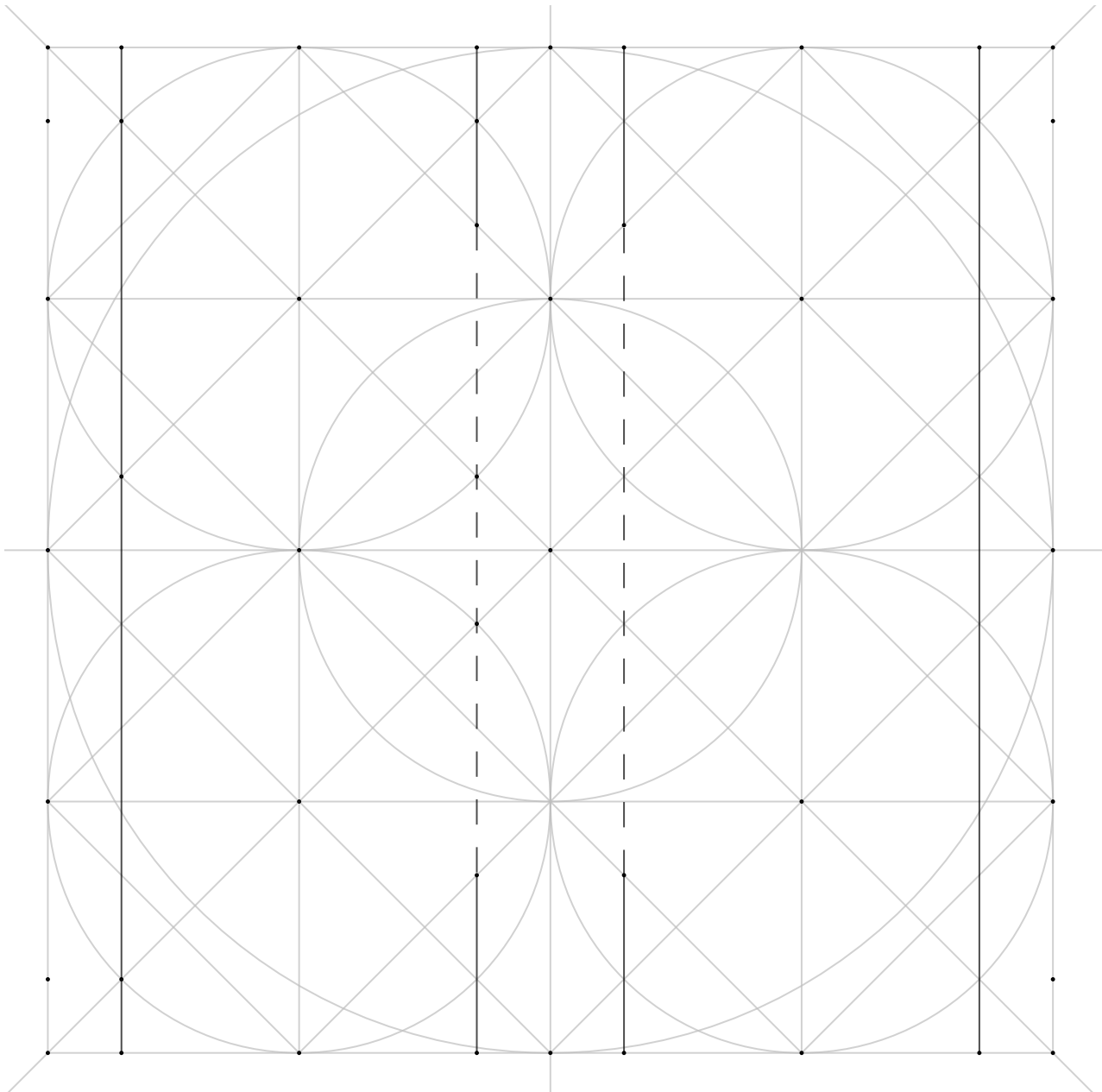
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7. DO THE SAME ON THE OTHER SIDE. NOW OUR DYNAMIC SQUARES ARE COMPLETED



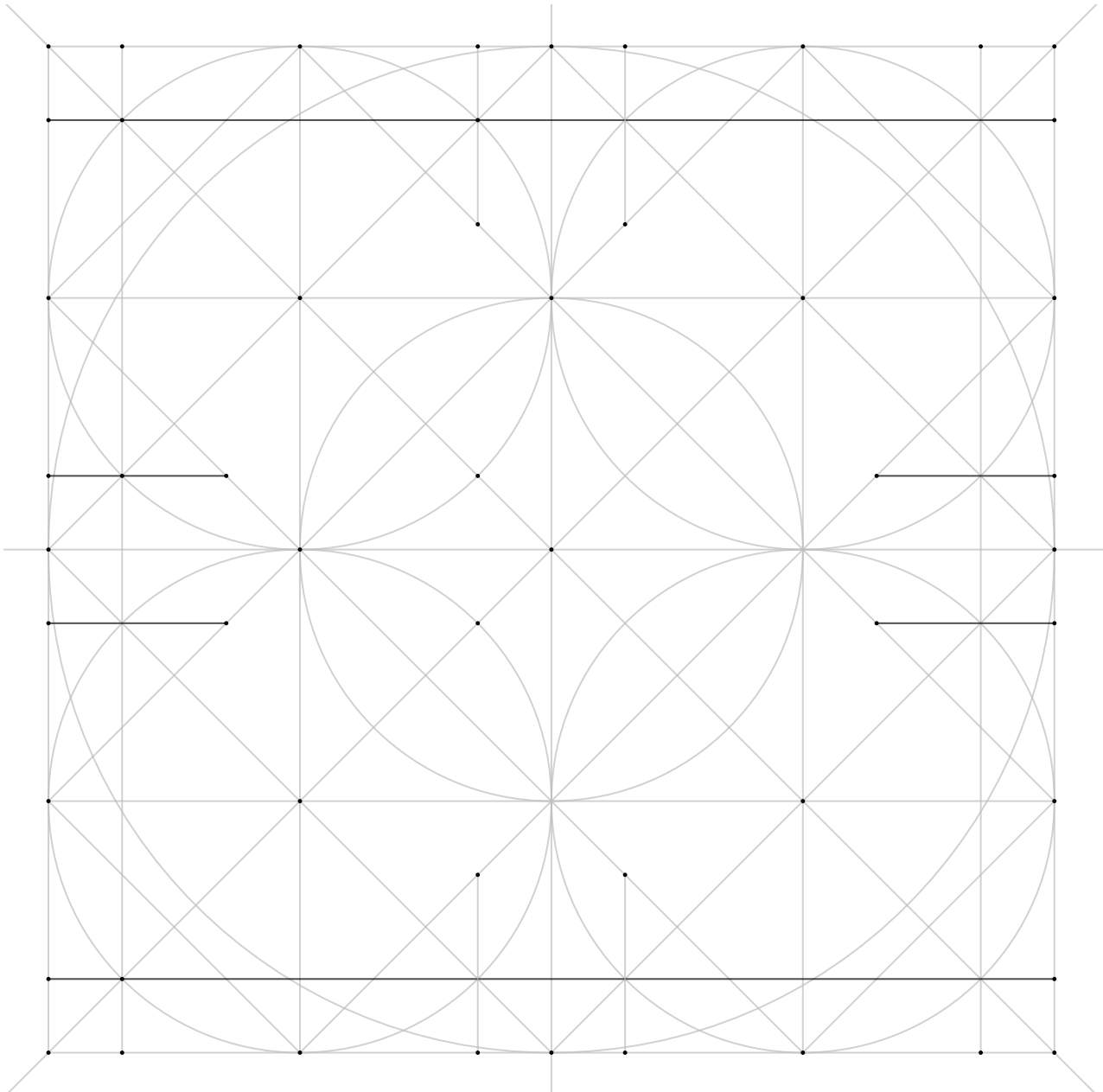
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8. NOW DO THE SAME VERTICALLY. I'M USING DASHED LINES JUST TO SHOW YOU WHICH POINTS WE ARE CONNECTING BUT WE DON'T NEED THAT PART OF THE LINES FOR OUR FINAL PATTERN.



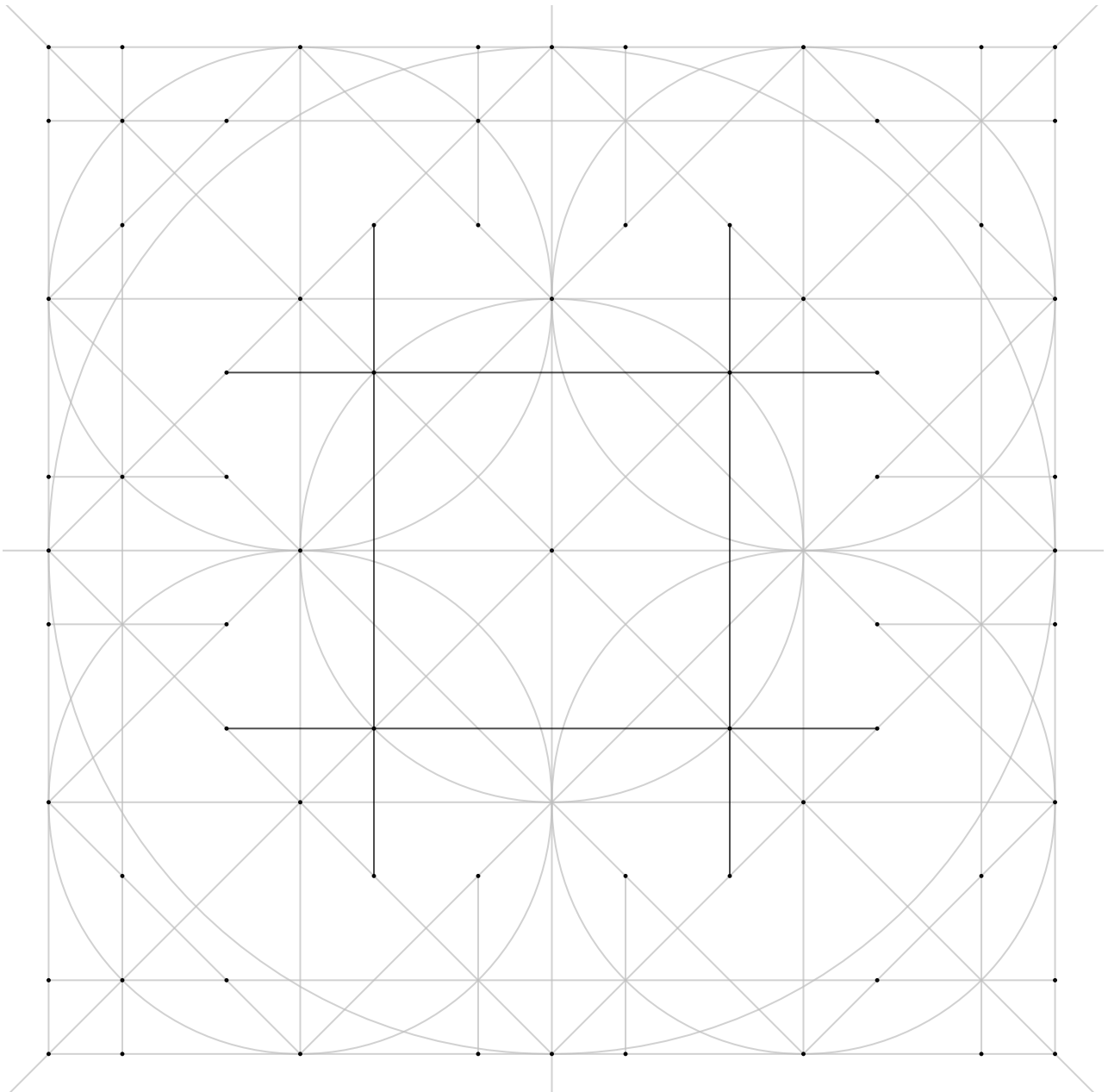
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9. DO THE SAME HORIZONTALLY. AS YOU ARE ALREADY FAMILIAR WITH THE PATTERN I'VE OMITTED THE DASHED LINE THIS TIME BUT WE ARE DOING THE SAME THING AS PER POINT 8.



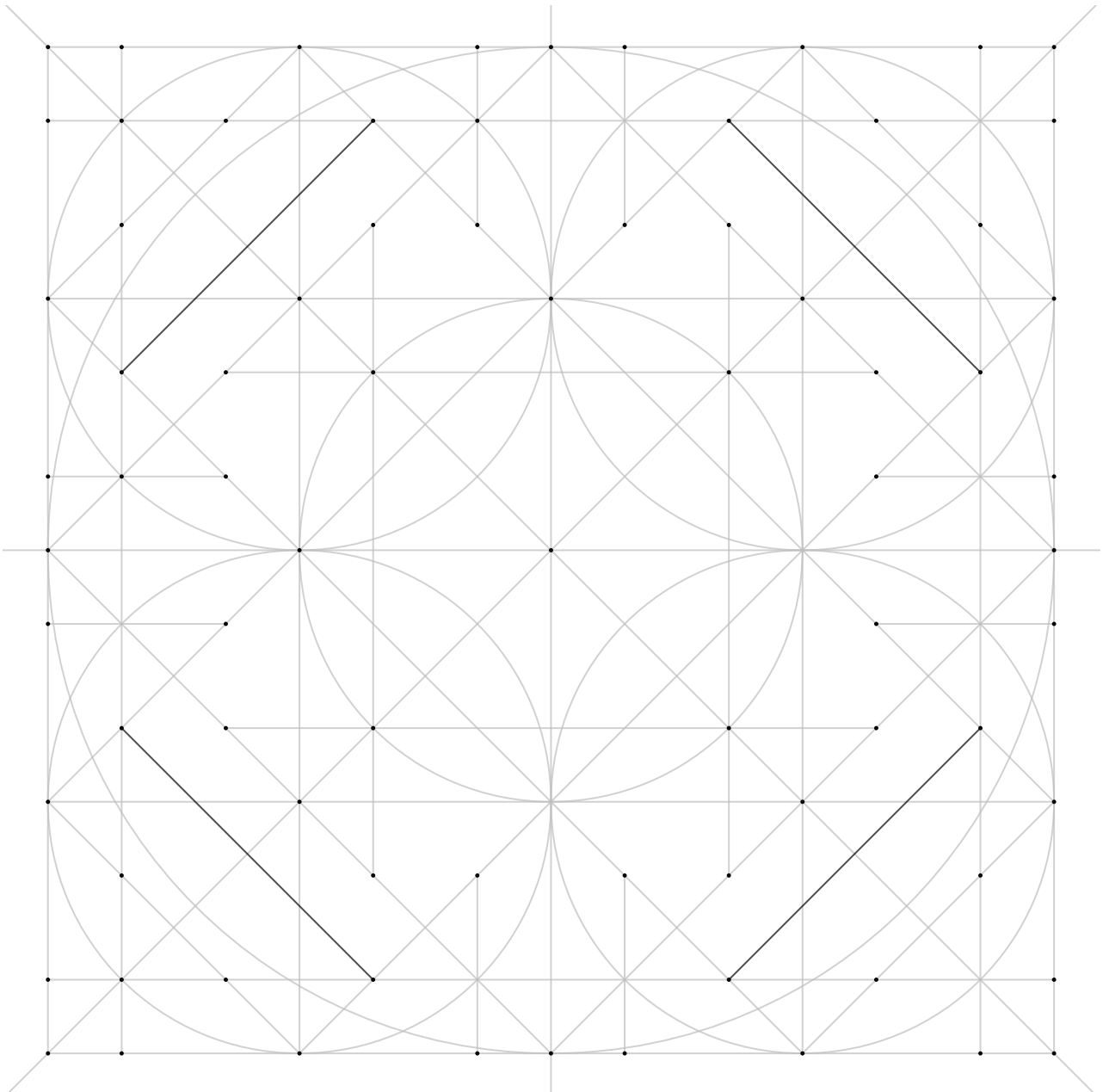
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10. NOW DRAW A STATIC SQUARE INSIDE THE CENTRAL SMALL CIRCLE AND EXTEND THE LINES



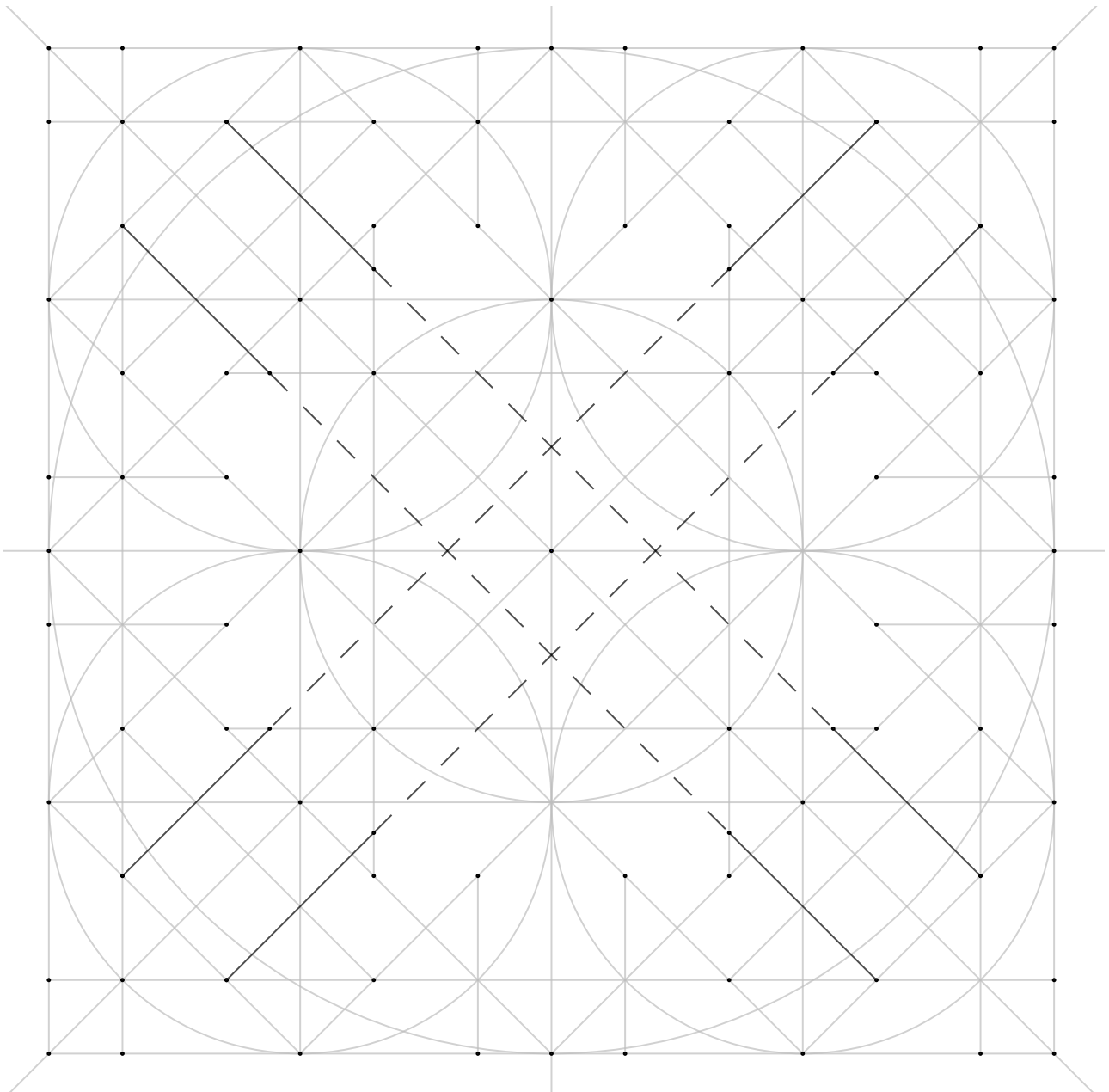
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11. NOW CONNECT THE INTERSECTIONS BETWEEN THE STATIC AND DYNAMIC SQUARE INSIDE EACH SMALL CIRCLE AS SHOWN



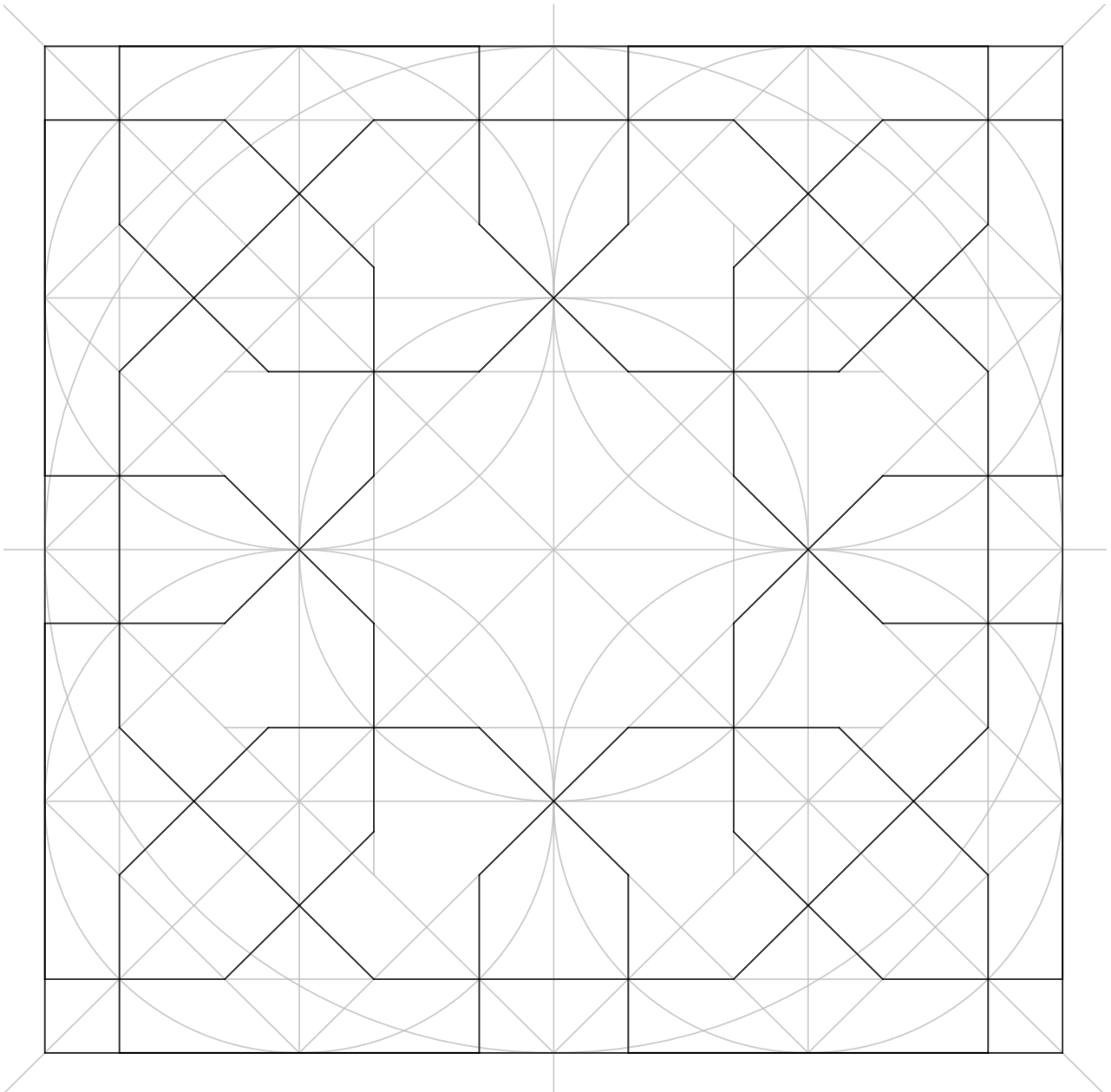
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12. DO THE SAME IN THE OPPOSITE DIRECTION. I'M USING THE DASHED LINES JUST TO SHOW YOU WHICH POINTS TO CONNECT BUT WE DON'T NEED THAT PART OF THE LINES OF OUR FINAL PATTERN



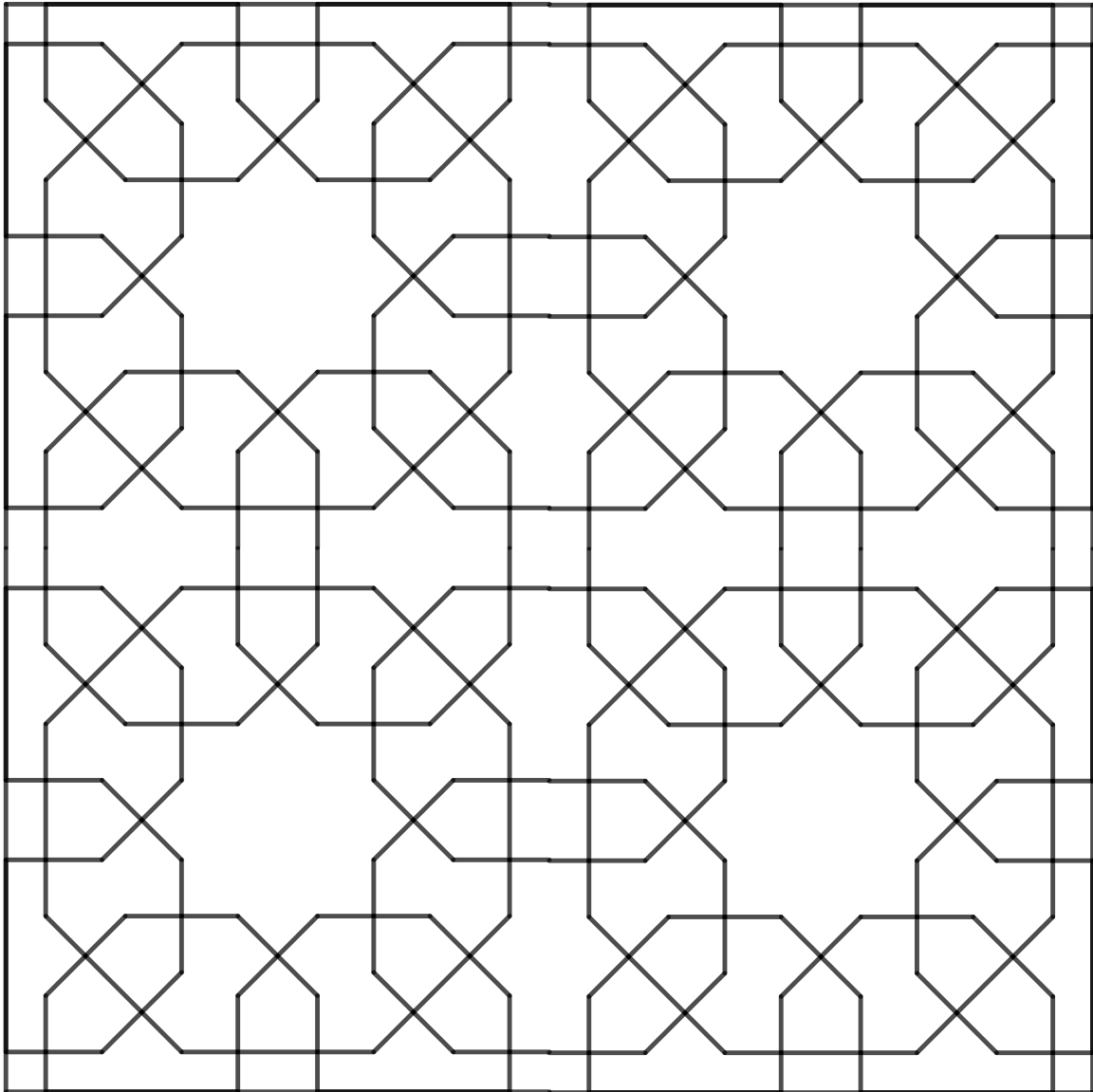
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13. IT'S TIME TO HIGHLIGHT THE FINAL PATTERN



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14. TILE THE PATTERN TO CREATE A BEAUTIFUL COMPOSITION