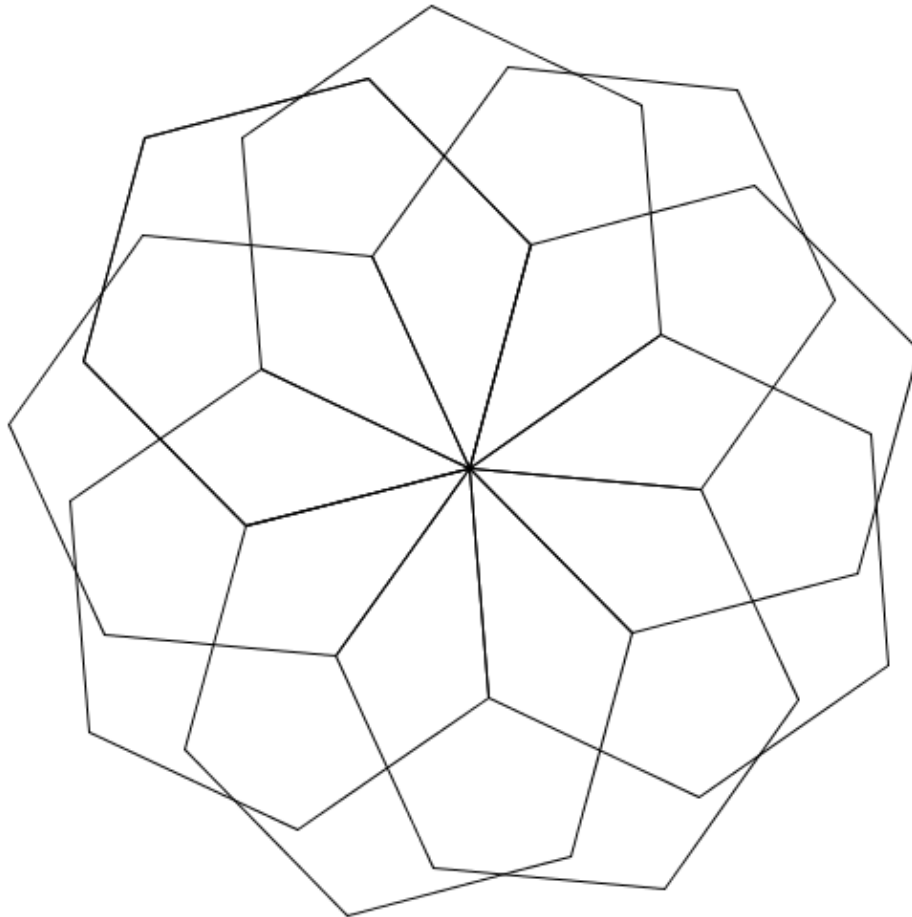


The picture below was made by taking a regular polygon and rotating it by a fixed angle about one of its vertices.

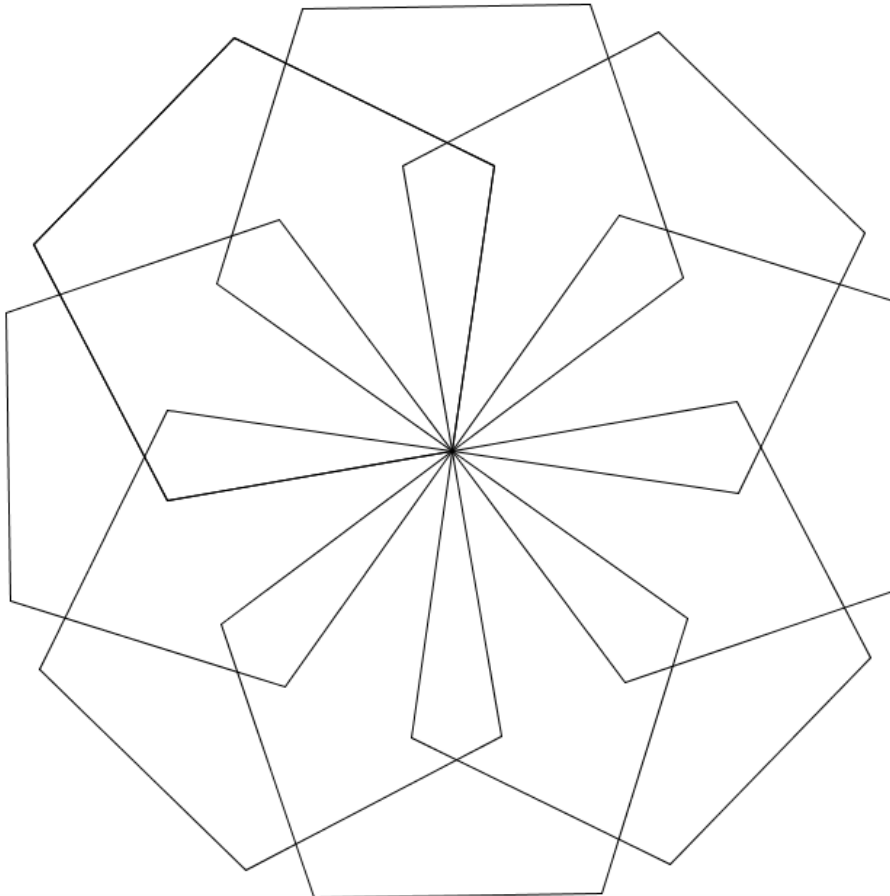
**Can you work out the polygon used and the angle of rotation?**



**Can you calculate all the angles in the picture?  
Can you explain how you worked them out?**

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**Can you calculate all the angles in the picture?  
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