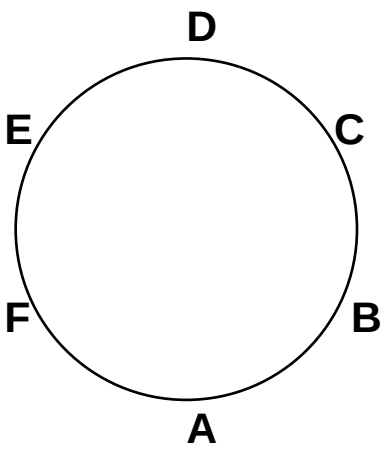
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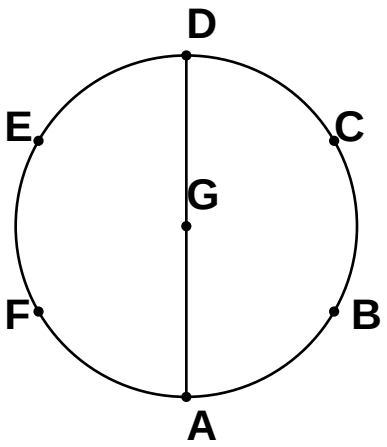
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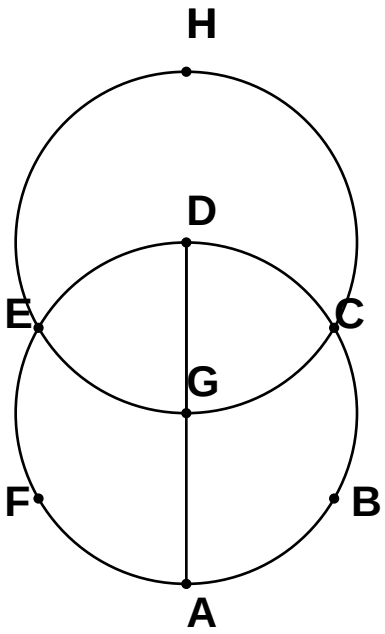
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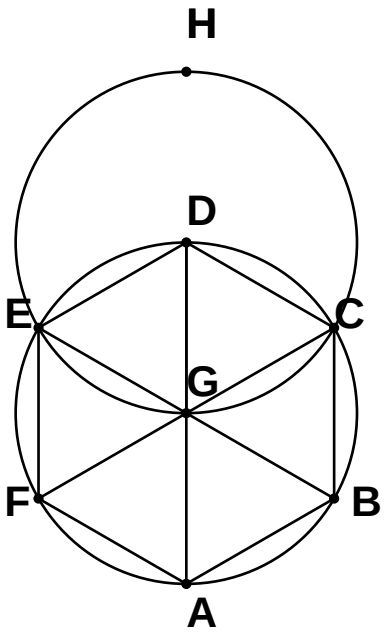
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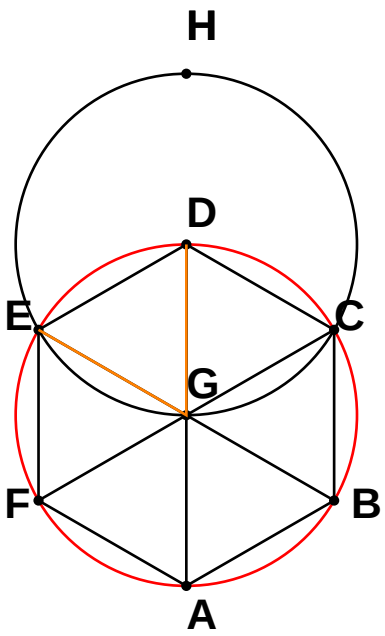
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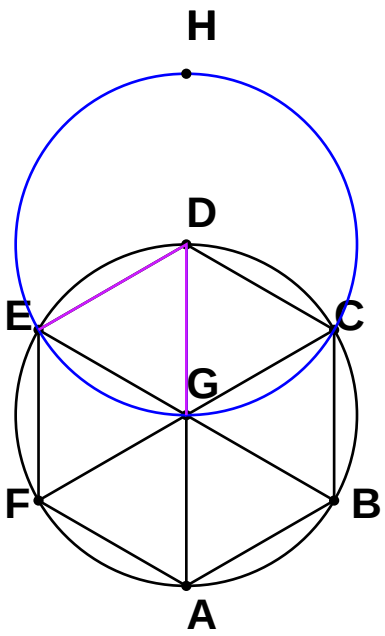
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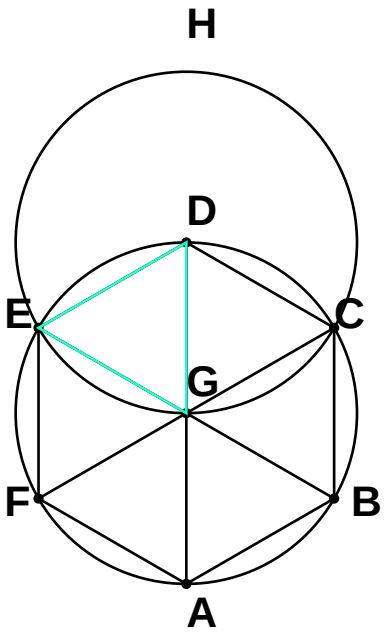
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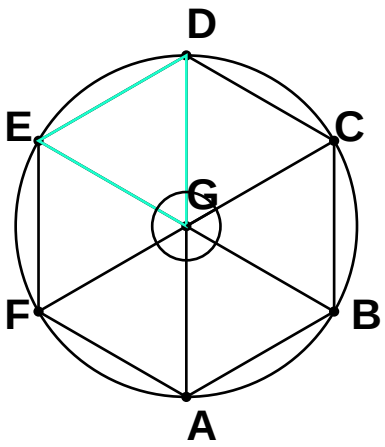
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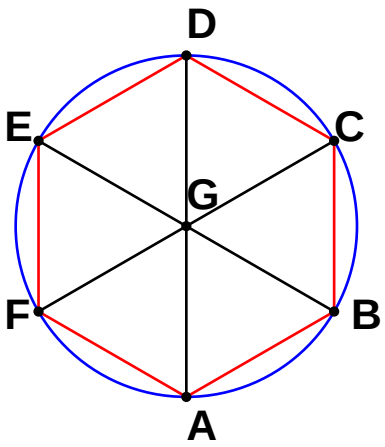
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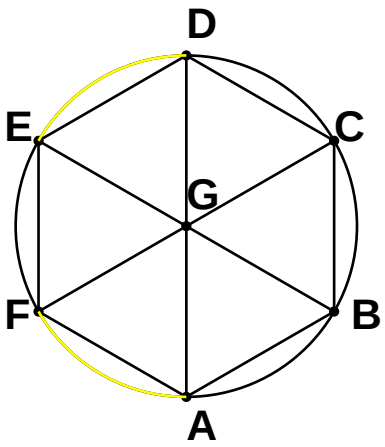
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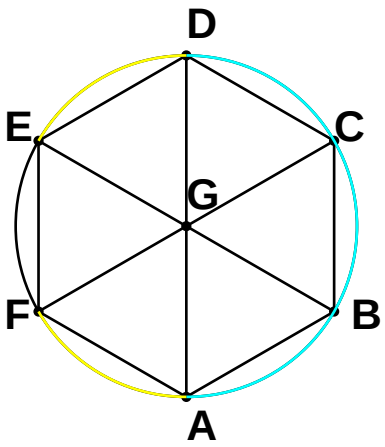
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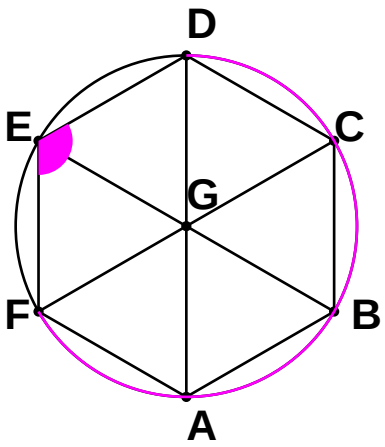
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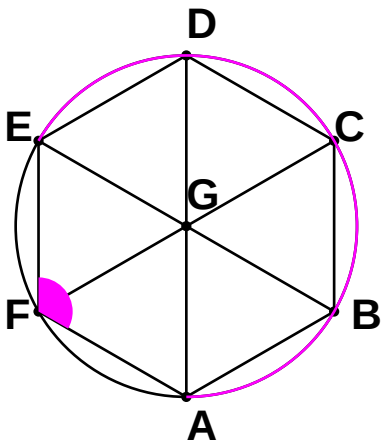
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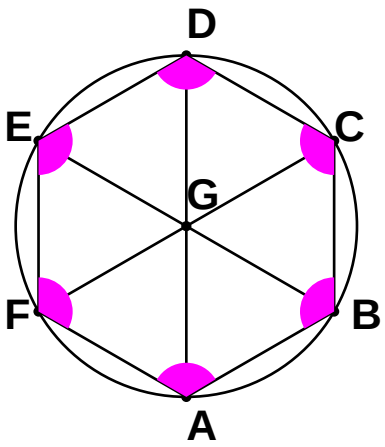
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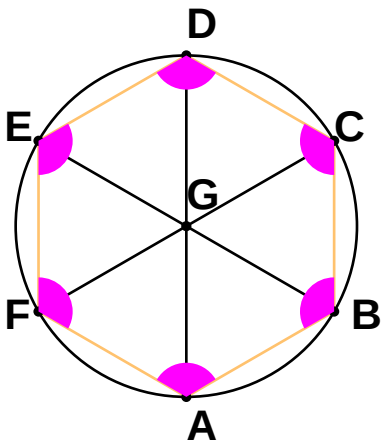
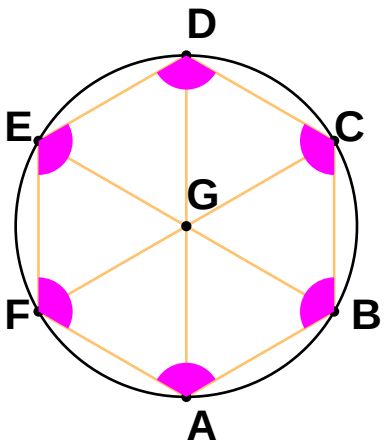


And we have constructed an equilateral and

equilangular hexagon ABCDEF inscribed in the circle



Corollary: The side of an inscribed hexagon equals the radius of the circle.

We have shown that the hexagon is constructed with equilateral triangles, therefore we can see the radius equals the side of the inscribed hexagon.