

APOTHEM

Meaning: Apothem: a line segment from the center of a regular polygon to the midpoint of one of its sides, used in calculating the area of the polygon.

1. The apothem of a regular polygon is crucial for calculating its area.
2. In geometry, the apothem serves as a helpful line segment from the center to the midpoint of a side.
3. Understanding the concept of an apothem can simplify the process of finding the perimeter of a polygon.
4. The architect used the apothem of the polygonal structure to determine its optimal height.
5. During the math lesson, we learned how to find the apothem of various shapes.
6. An apothem is often utilized in the formula for the area of a regular hexagon.
7. To find the apothem, one can use the formula involving the radius of the circumscribed circle.
8. The teacher illustrated the importance of the apothem in real-world applications of geometry.
9. In a regular octagon, the length of the apothem can help derive other properties of the shape.
10. I never realized how the apothem could affect the overall symmetry of a polygon until I studied it more closely.

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