

RADIAN

Meaning: A radian is a unit of angular measure defined as the angle subtended at the center of a circle by an arc equal in length to the circle's radius.

1. A radian is defined as the angle subtended at the center of a circle by an arc whose length is equal to the radius of the circle.
2. In trigonometry, angles are often measured in radians rather than degrees for more straightforward calculations.
3. To convert degrees to radians, one can multiply the degree measurement by $\pi/180$.
4. The formula for the circumference of a circle can be more easily understood when working in radians.
5. Understanding radians is essential for advanced studies in calculus and physics.

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