Glossary for Mathematics

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Radian

A radian is a unit of angular measure used in mathematics, particularly in trigonometry and calculus. It's based on the radius of a circle. One radian is the angle created when the length of an arc on a circle is equal to the circle's radius.

Key Facts about Radians:

- In a full circle (360 degrees), there are (2\pi) radians.
- Therefore, 1 radian ≈ 57.3 degrees.
- Radians are often used in mathematical functions and calculus because they simplify many formulas, especially in trigonometry, where angles measured in radians lead to cleaner equations.

Term 2

Definition of term 2.

Term 3

Definition of term 3.