

SINUSOIDAL

Meaning: Sinusoidal refers to a smooth, periodic wave-like pattern or function resembling the shape of a sine wave, often used to describe oscillations in mathematics and physics.

1. The graph of the function was clearly sinusoidal, depicting regular oscillations.
2. In physics, the motion of the pendulum can often be described using a sinusoidal model.
3. The sound waves produced by the tuning fork exhibited a perfectly sinusoidal pattern.
4. Engineers often use sinusoidal functions to analyze alternating current in electrical circuits.
5. Understanding the properties of sinusoidal waves is essential in fields like acoustics and signal processing.

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