

INFINITESIMAL

Meaning: Infinitesimal refers to a quantity that is so small that it is closer to zero than any standard real number, often used in calculus to describe minute changes that can influence larger outcomes.

1. The mathematician described the concept of an infinitesimal as a quantity that is closer to zero than any standard real number.
2. In calculus, infinitesimal changes in variables can lead to significant impacts on the overall outcome of a function.
3. Scientists often encounter infinitesimal particles when studying the fundamental components of matter.
4. The engineer calculated the infinitesimal margin of error in the measurements to ensure the design's accuracy.
5. Philosophers have debated the existence and meaning of infinitesimal quantities in the context of reality and perception.
6. The mathematician was fascinated by the concept of an infinitesimal quantity that could approach zero without ever reaching it.
7. In calculus, infinitesimal differences are used to describe the slope of a curve at a single point.
8. The engineer calculated the infinitesimal changes in pressure during the experiment to ensure accuracy.
9. Philosophers have debated the implications of infinitesimal divisions in the nature of reality for centuries.
10. She found the idea of infinitesimal increments both intriguing and perplexing as she delved deeper into advanced mathematics.

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