

ARCHIMEDEAN

Meaning: ARCHIMEDEAN: Relating to the principles or theories established by the ancient Greek mathematician Archimedes, particularly in the context of buoyancy and geometric spirals.

1. The Archimedean principle states that any object submerged in a fluid experiences an upward buoyant force equal to the weight of the fluid displaced.
2. In mathematics, an Archimedean spiral is a type of spiral that expands uniformly as it winds around a central point.
3. The Archimedean property is essential in real analysis, ensuring that the set of real numbers is well-ordered.
4. His approach to the problem reflected an Archimedean mindset, relying on foundational principles of geometry.
5. The Archimedean axioms serve as a basis for understanding limits and continuity in calculus.
6. As she studied physics, she often referred to the Archimedean principle to explain buoyancy in her experiments.
7. The design of the water screw attributed to Archimedes showcases his brilliance in practical engineering.
8. An Archimedean approach to problem-solving emphasizes logical reasoning and systematic exploration.
9. She admired Archimedean wisdom, which blends theoretical insight with practical application.
10. In his lecture, the professor discussed how Archimedean concepts continue to influence modern scientific thought.

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