

THEOREM

Meaning: A theorem is a statement or proposition that has been proven to be true based on previously established statements, such as other theorems, axioms, and definitions, particularly in mathematics.

1. The mathematician proved a groundbreaking theorem that changed the field of geometry.
2. Her research focused on a complex theorem that linked number theory and combinatorics.
3. In physics, the theory of relativity is often presented as a theorem within a broader context.
4. The theorem established a fundamental connection between algebra and topology, sparking new investigations.
5. Students often find it challenging to grasp the implications of the Pythagorean theorem in higher dimensions.
6. The Pythagorean theorem is a fundamental principle in geometry that relates the lengths of the sides of a right triangle.
7. In mathematics, a theorem is a statement that has been proven based on previously established statements and axioms.
8. The team's breakthrough involved a new theorem that could potentially revolutionize our understanding of quantum mechanics.
9. To illustrate the theorem, the professor used a series of diagrams that made the concepts easier to grasp.
10. After months of work, she finally published her proof of the long-conjectured theorem, earning the respect of her peers.

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