



## Pythagoras and the Curious Triangle

by Αίας



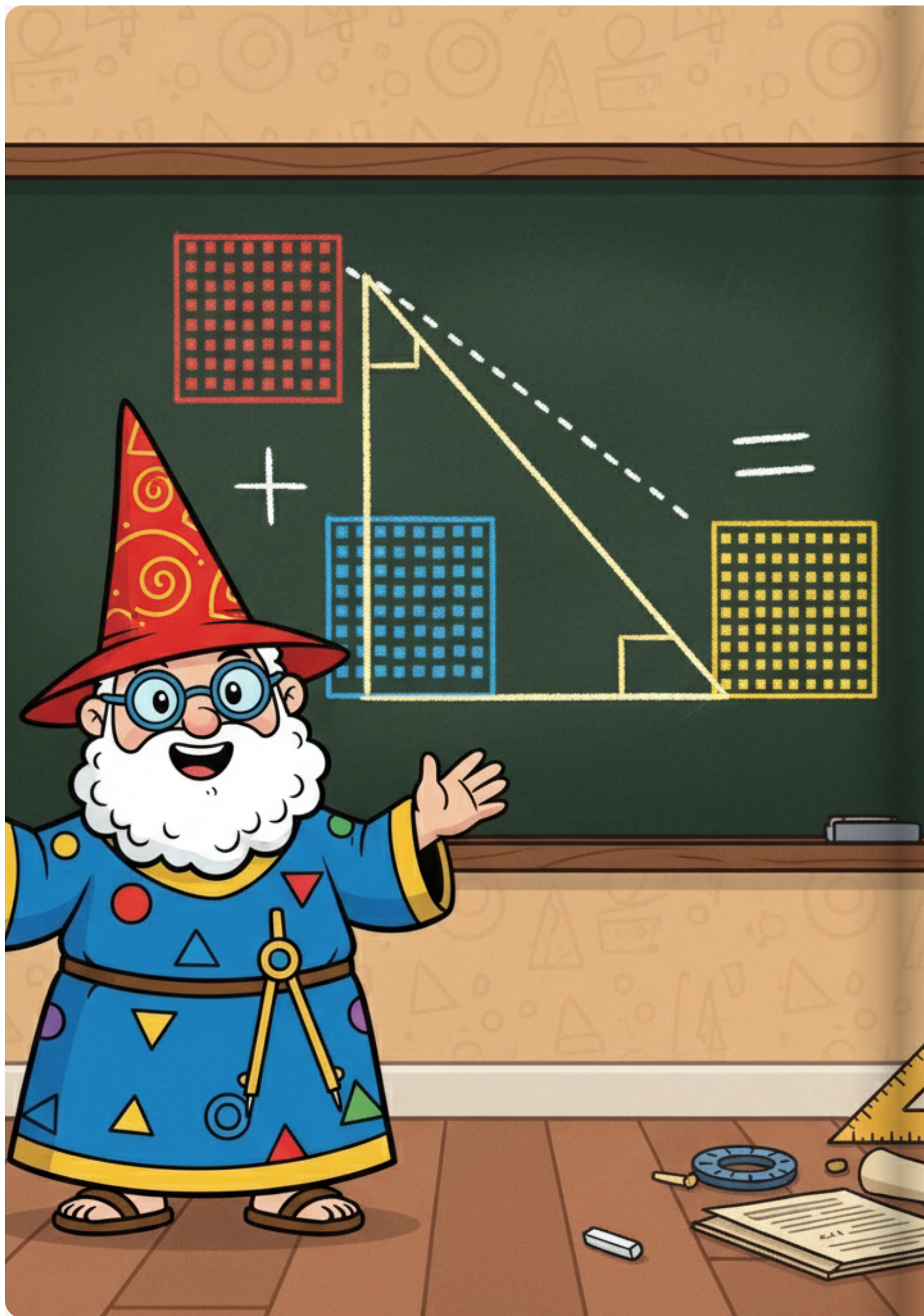
Pythagoras, a young man with a thirst for knowledge, sat beneath a sprawling olive tree in ancient Greece. He gazed upon a field dotted with neatly planted crops, each row forming precise lines. He pondered the patterns of the world, wondering how everything fit together.



One day, Pythagoras was sketching shapes in the sand when he noticed a peculiar triangle. It had one perfectly straight corner, like the corner of a house. This intrigued him, and he decided to investigate further the relationship between its sides.



He began measuring the sides of several right-angled triangles. He carefully wrote down the lengths, noticing a consistent pattern. The lengths of the sides seemed connected in a very specific way that made him wonder.



Pythagoras excitedly experimented with squares. He drew squares on each side of the right-angled triangle. He discovered the amazing relationship between the area of the squares and the sides of the triangle.



He exclaimed with delight: The square of the longest side (the hypotenuse) was always equal to the sum of the squares of the other two sides! He shared his discovery with his students, eager to reveal this powerful truth.



News of Pythagoras's amazing theorem spread throughout Greece. People everywhere began to appreciate the beauty and order hidden within the world of numbers and shapes. Pythagoras smiled, knowing he had opened a door to a new world of understanding.