

Name \_\_\_\_\_

## Greek Mathematics and Geometry: A Journey of Advancements

### Short Answer

1. Explain the significance of Euclid's "Elements" in the development of geometry.
2. What is the Pythagorean Theorem, and how is it applied in real-life situations?
3. How did Archimedes contribute to the field of calculus, and what are some practical applications of his work?
4. Define trigonometry and discuss its importance in navigation and astronomy.
5. What are prime numbers, and why is the "sieve of Eratosthenes" a valuable tool for identifying them?

