

Name: _____ Date: _____

Ancient Greek Science

Directions: Read each question carefully and fill in the blank with the correct answer.

1. _____ wrote a book that is still used as the basis for the study of plane geometry.
2. _____ happened when Greek culture spread into a different culture and the two were mixed together.
3. _____ determined that the circumference of the earth was 28,000 miles.
4. _____ was one of the greatest mathematicians of all times.
5. In 212 B.C., while his city was being attacked by the Romans, Archimedes invented _____ to help fight them off.
6. _____ discovered new theories about the way planets move in their orbits.
7. _____ and _____ were two major thinkers in the measurement of time and distance.
8. Euclid used proofs to prove that the shortest distance between two points is a _____.
9. Archimedes calculated the value of pi, which was a geometrical calculation that helped determine the _____ or _____ of a circle.

Answer Key

Ancient Greek Science

Directions: Read each question carefully and fill in the blank with the correct answer.

1. **Euclid** wrote a book that is still used as the basis for the study of plane geometry.
2. **Cross-fertilization** happened when Greek culture spread into a different culture and the two were mixed together.
3. **Erasthones** determined that the circumference of the earth was 28,000 miles.
4. **Archimedes** was one of the greatest mathematicians of all times.
5. In 212 B.C., while his city was being attacked by the Romans, Archimedes invented **engines** to help fight them off.
6. **Aristarchus** discovered new theories about the way planets move in their orbits.
7. **Hipparchus** and **Erasthones** were two major thinkers in the measurement of time and distance.
8. Euclid used proofs to prove that the shortest distance between two points is a **straight line**.
9. Archimedes calculated the value of pi, which was a geometrical calculation that helped determine the **width** or **circumference** of a circle.