

Name _____

Pythagoras' Mathematical Odyssey: From Triangles to Mysticism

Multiple Choice Questions

1. Where was Pythagoras born?
 - a) Athens, Greece
 - b) Sparta, Greece
 - c) Samos, Greece
 - d) Rome, Italy

2. What is the Pythagorean theorem?
 - a) The sum of all angles in a triangle is 180 degrees.
 - b) The square of the hypotenuse is equal to the sum of the squares of the other two sides in a right-angled triangle.
 - c) In a circle, the circumference is equal to twice the radius.
 - d) The area of a triangle is equal to one-half the base times the height.

3. What did Pythagoras' philosophical and religious movement, Pythagoreanism, emphasize?
 - a) The importance of geometry
 - b) The transmigration of souls and the immortality of the soul
 - c) The rejection of mathematics
 - d) The worship of multiple gods

4. Where did Pythagoras study with priests and sages during his travels?
 - a) India and China
 - b) Egypt and Babylon
 - c) Greece and Rome
 - d) Persia and Mesopotamia

5. What happened to Pythagoras' school in Croton, and why did he flee to Metapontum?
 - a) His school was destroyed in a natural disaster, and he sought refuge in Metapontum.
 - b) His school was burned, and he faced persecution in Croton.
 - c) He retired peacefully and moved to Metapontum to live a quiet life.
 - d) He left Croton to spread his teachings in Metapontum.

