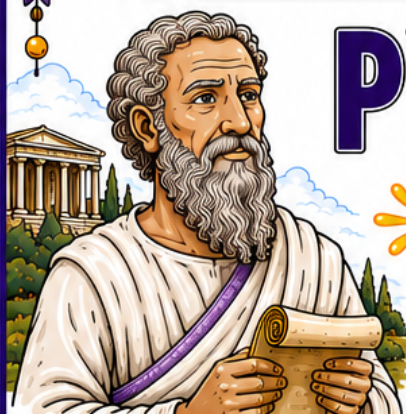


Name: _____

Date: _____



PYTHAGORAS

COMPREHENSION

Use the information on the page to find the answers to the questions below.



LIFE AND TIMES

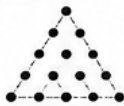
- Pythagoras was a famous Greek mathematician and philosopher who lived around 570 to 495 BCE.
- He was born on the island of Samos, in Greece.
- When he was a young man, he travelled to many places to learn.
- He studied in Egypt and Babylonia, where he learned about numbers, patterns and shapes.
- Around 530 BCE, Pythagoras moved to the Greek city of Croton in southern Italy.
- There he started a school and a community. People lived and studied together and followed his rules.
- Pythagoras believed that numbers are the key to understanding the world.
- The famous **Pythagorean Theorem** is named after Pythagoras and his school. It explains that in a right-angled triangle, the square of the longest side equals the sum of the squares of the other two sides.
- He also studied music, astronomy and the natural world.
- Pythagoras taught that living a good life means being kind, honest and in harmony with others.
- Many of his ideas were written down by his followers, as he did not write books himself.
- Pythagoras died in Croton around 495 BCE.

QUESTIONS

- Where was Pythagoras born? _____
- Around what years did Pythagoras live? _____
- Which two places mentioned in the passage did Pythagoras study in when he was young? _____
- What did Pythagoras study in Egypt and Babylonia? _____
- In what city did Pythagoras start his school and community? _____
- What was special about the school and community he started? _____
- What did Pythagoras believe are the key to understanding the world? _____
- What is the name of the famous rule about right-angled triangles? _____
- Besides maths, what other subjects did Pythagoras study? _____
- What did Pythagoras teach about living a good life? _____
- How were Pythagoras's ideas written down? _____
- Where did Pythagoras die and around what year? _____

PYTHAGORAS IS KNOWN FOR

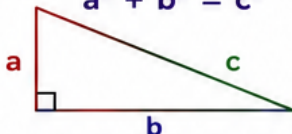
- Helping develop important mathematical ideas.
- The Pythagorean Theorem.
- Seeing the beauty in numbers and patterns.
- Studying music, astronomy and nature.
- Teaching the importance of living a good and balanced life.
- Building a community where people learned and supported each other.



THE PYTHAGOREAN THEOREM

In a right-angled triangle,

$$a^2 + b^2 = c^2$$



The square of the longest side (c) equals the sum of the squares of the other two sides (a and b).

$$c^2 = a^2 + b^2$$

ANSWER THE EXTRA!

- Where did Pythagoras travel to learn when he was young? _____
- What is the name of the famous rule about right-angled triangles? _____



THINK LIKE PYTHAGORAS!

Pythagoras loved numbers and patterns and looked for order in the world around him. Write one question you would ask him about maths or life.

