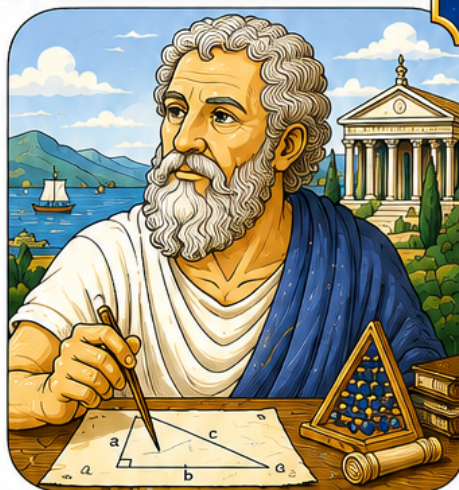


# PYTHAGORAS

## FACT FIND

Use books or the internet to research Pythagoras and write your answers in the spaces below.

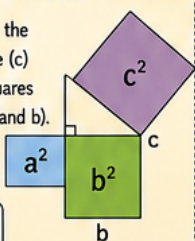


- 1 When and where was Pythagoras born?  
\_\_\_\_\_
- 2 Which city in southern Italy did Pythagoras later live in?  
\_\_\_\_\_
- 3 Name one country Pythagoras is believed to have visited to learn new ideas.  
\_\_\_\_\_
- 4 What was Pythagoras famous for?  
\_\_\_\_\_
- 5 Which famous theorem is named after Pythagoras?  
\_\_\_\_\_
- 6 In a right-angled triangle, what is the relationship between the three sides according to Pythagoras' Theorem?  
\_\_\_\_\_
- 7 What is the name of the group that Pythagoras founded?  
\_\_\_\_\_
- 8 Why did Pythagoras and his students live by special rules?  
\_\_\_\_\_
- 9 What did Pythagoras believe was very important in understanding the world?  
\_\_\_\_\_
- 10 What did Pythagoras use numbers for besides counting?  
\_\_\_\_\_
- 11 Which shapes and patterns did Pythagoras study?  
\_\_\_\_\_
- 12 What subject did Pythagoras make important discoveries in?  
\_\_\_\_\_
- 13 How did Pythagoras think music was connected to numbers?  
\_\_\_\_\_
- 14 What is one way Pythagoras is remembered today?  
\_\_\_\_\_
- 15 If you could ask Pythagoras one question, what would it be?  
\_\_\_\_\_

### PYTHAGORAS' THEOREM

In a right-angled triangle, the square of the longest side (c) equals the sum of the squares of the other two sides (a and b). The theorem is named after Pythagoras.

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



### DID YOU KNOW?

#### THE POWER OF NUMBERS

Pythagoras believed numbers helped explain patterns in nature, music and the stars.



1 2 3 4 5 6 7 8 9

### PYTHAGORAS AND CROTON

Pythagoras was born on the island of Samos in Greece. He travelled far and founded his school in Croton (Kroton) in southern Italy.

