

Why Aristotle Was Famous

Aristotle was a philosopher who thought and wrote about the meaning of life. He wrote books on logical thinking. He taught many of the most important people of his time.

Aristotle was also a scientist. He carefully observed and wrote about all things in nature. His books stressed that observation was an important part of science.

Aristotle did not have microscopes or telescopes. As a result he made many mistakes. His books are full of ideas that we now know are wrong such as:

1. Flies and worms are formed when fruit rots.
2. The only four elements in the world are earth, air, fire and water.
3. The job of the human brain is to cool off the body.

Aristotle's Favorite Experiments

Aristotle taught his students to observe carefully. Here are two optical illusions to challenge your observation power. Guess the answers, then measure to find out if you're right.

Which of the **center** circles is larger?

Which of the men is the tallest?



Aristotle taught logical thinking. Can you use your logical brain to solve the puzzles below?

1. What is the missing number in this series?
24 20 _____ 12 8 4
2. An archaeologist claims to have found a metal coin stamped 300 B.C. Why is this coin a fake?
3. A box is 10 feet long and 10 feet wide. It can hold 400 cubic feet. How deep is the box?