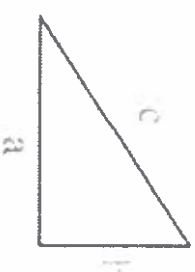


Science

Pythagoras

Pythagorean theorem $A^2 + B^2 = C^2$

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

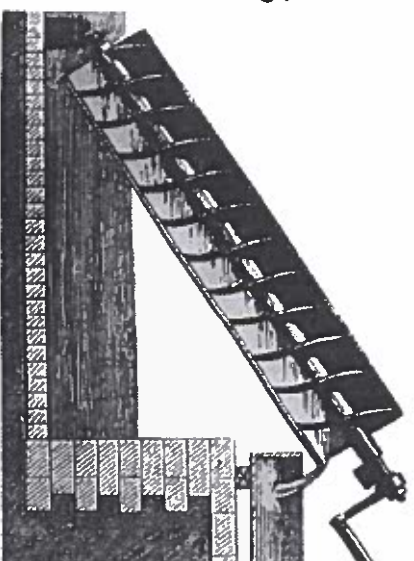
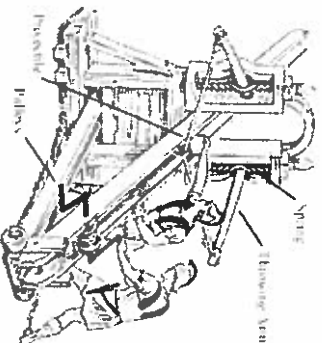


π

He also set the value of pi

Archimedes

levers and pulleys
the screw
the catapult



Philosophy

Philosophy is thinking to understand the world around you.

Socrates, Plato, and Aristotle were pioneers in questioning how we know what we know.

Some people didn't like that, and **Socrates** was put to death for "corrupting the youth"

Literature

Epic poets and writers emerged during this time.

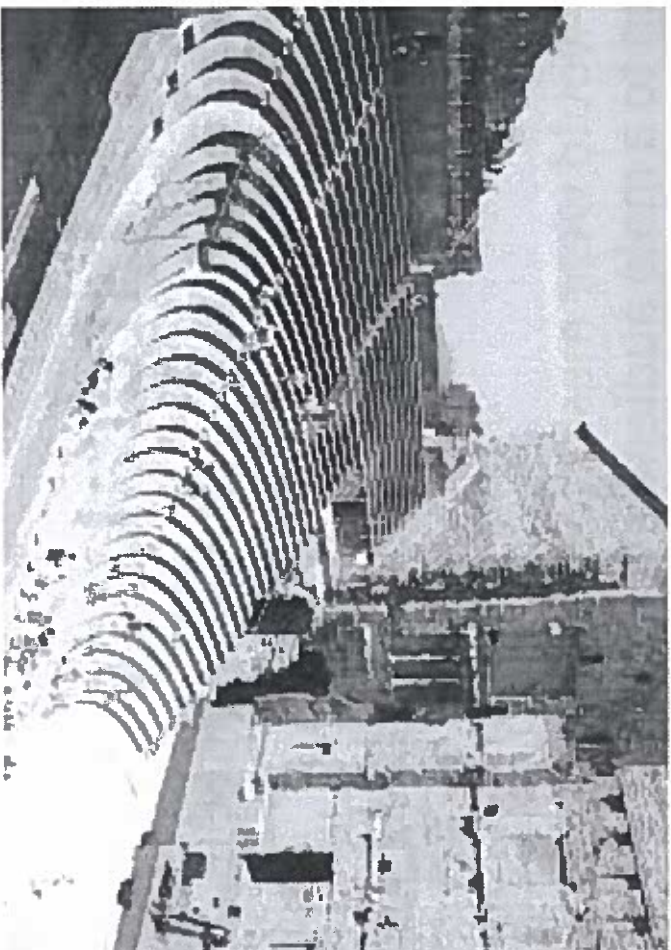
Homer: “*The Iliad*” and “*The Odyssey*”

Popular styles of plays were Greek tragedies and comedies.

Characters would wear masks (often portraying gods) and perform to a male audience.

They would even let prisoners out of jail to attend some of these performances.

Theater



[https://en.wikipedia.org/wiki/Theater_\(building\)](https://en.wikipedia.org/wiki/Theater_(building))

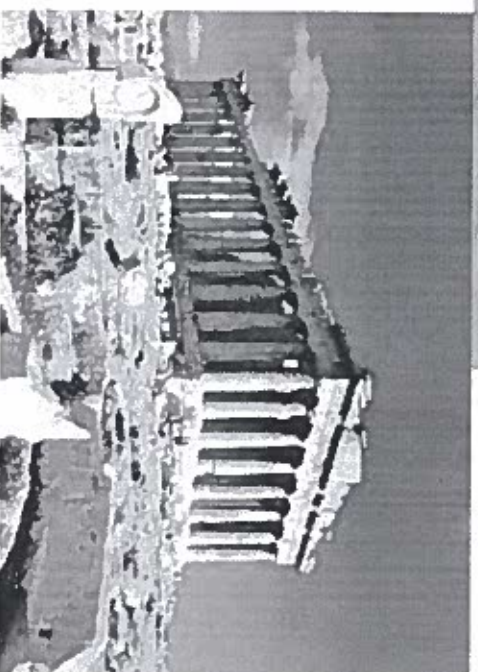
Does this look like anything we have today?
What are the benefits of this style of theatre?

Art & Architecture



State Capitol Building,
Oklahoma City

What similarities do you see
between the two buildings?



Parthenon,
Athens

https://commons.wikimedia.org/wiki/File:Central_view_of_Oklahoma_Capitol_building.JPG
<https://en.wikipedia.org/wiki/Parthenon>

Sculpture

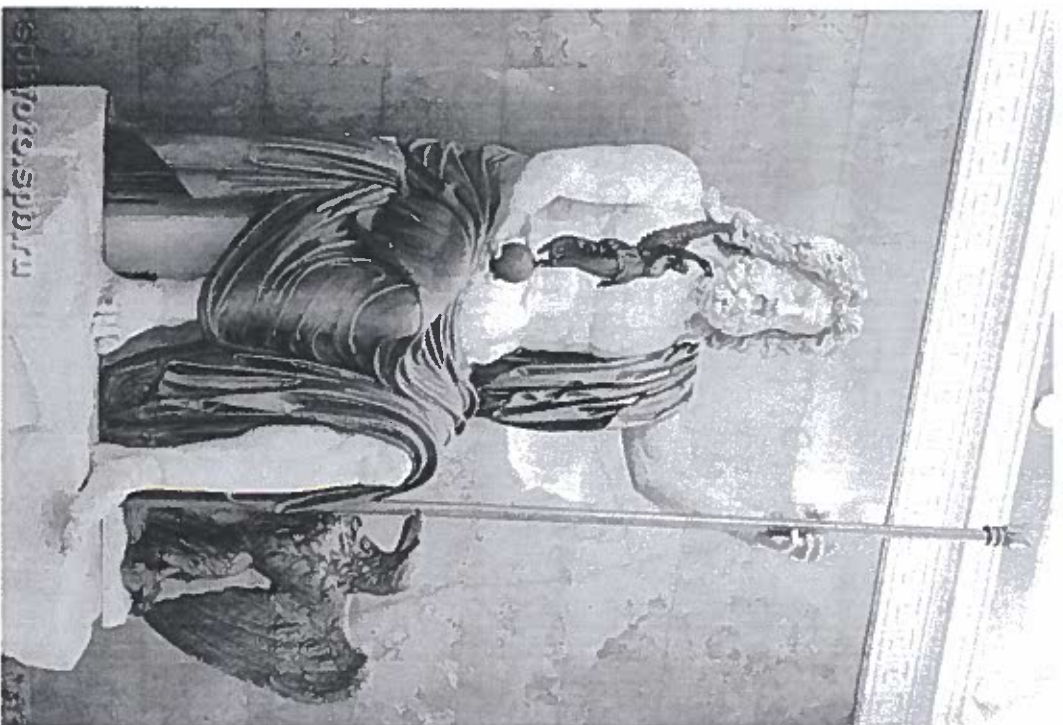
Reproduction of the
Athena statue in Nashville
(Percy Jackson, anyone?)

The original had a spear, shield,
and a statue of victory (Nike) in
her right hand. She was covered
in gold and ivory.



[https://en.wikipedia.org/wiki/Parthenon_\(Nashville\)](https://en.wikipedia.org/wiki/Parthenon_(Nashville))

Religion & Recreation



Why would the Greeks build giant temples like this?

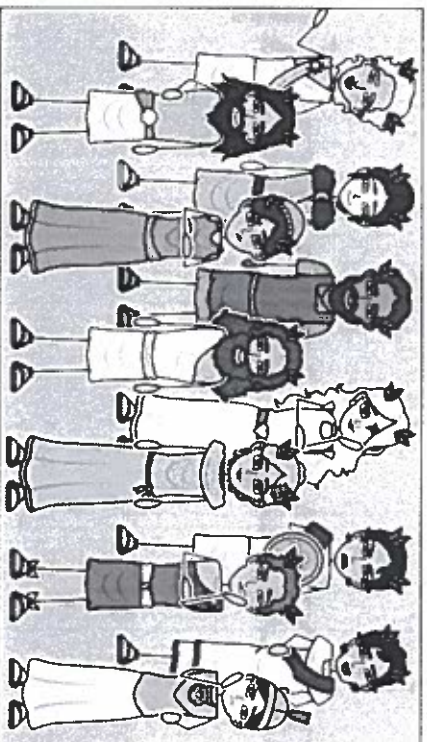
This Statue of Zeus at Olympia (*Phidias*) was 44 feet high (4 ½ stories) and coated in gold and ivory. What does this signify about Zeus?

Zeus was king of the Olympians and athletes from all around Greece competed in the Olympics to honor him.

The 12 Olympians

Zeus, Hera, Poseidon, Demeter, Artemis,
Apollo, Athena, Ares, Aphrodite, Hephaestus,
Hermes, and either Hestia or Dionysus

They lived on Mount Olympus



The Olympics: Honoring Zeus

The original event in the Olympics was the footrace. The winner of the footrace would have that Olympics named after him.

The pentathlon (penta = 5) took place over five days.

Wrestling, boxing, javelin, long jump, running

Chariot and equestrian events were also added.

The Olympics were banned by the Romans in the 4th Century CE. Why would the Romans ban them?

They didn't return until 1896.