



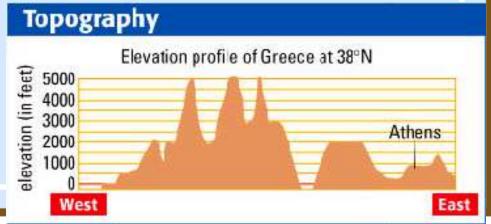
Greek Geography: Location "Around" The Seas

- 2,000 islands on Aegean & Ionian Seas
- Provided transportation link for various regions of Greece
- Connected Greece to other societies through trade
 - Greece lacked natural resources used sea to get them from other lands

Greek Geography: Rugged Mountains

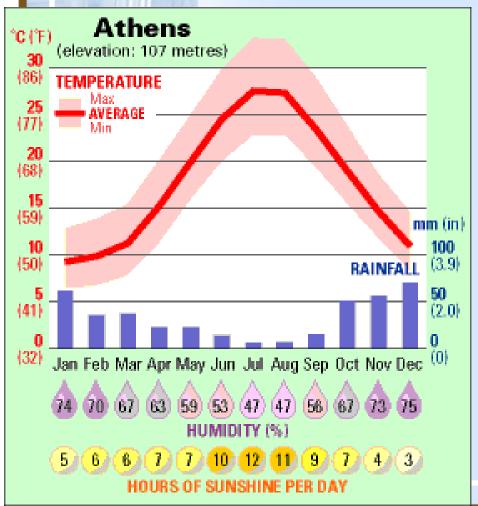
- 75% of land covered by mtns
- Made unification difficult
 - Developed into small, independent communities called city-states
 - Loyalty lay with these city-states



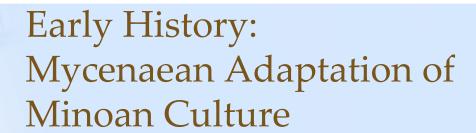




Greek Geography: **Moderate Climate**



- Moderate temps (48° winter, 80° summer)
- Developed an outdoor life for Greek males
 - Exs: meetings, discussions

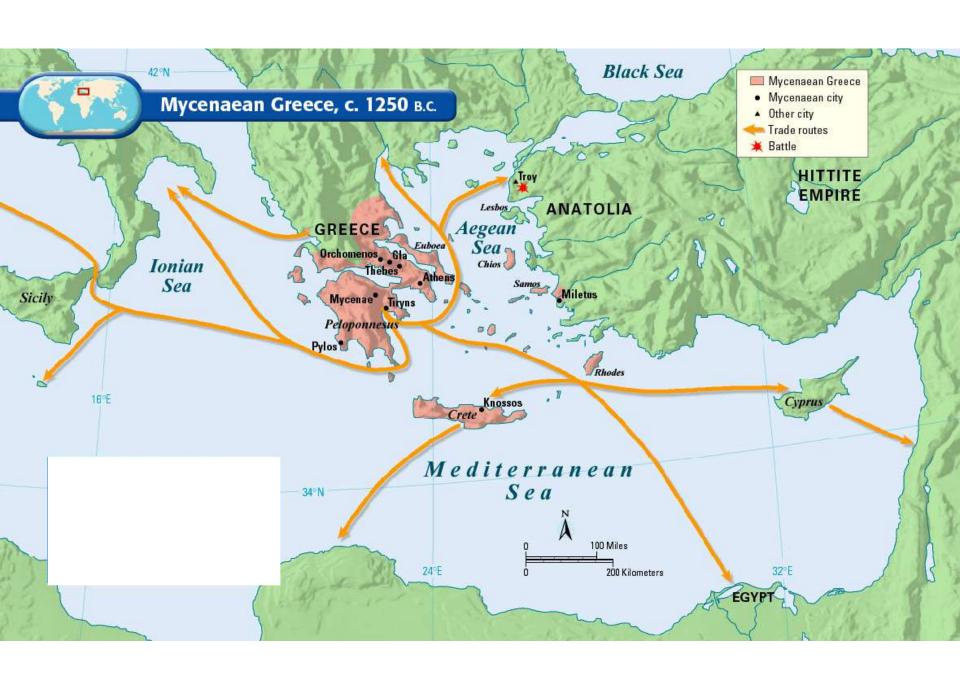


 Came into contact with Minoans around 1500 B.C.

Adapted Minoan writing system, artistic design, & culture

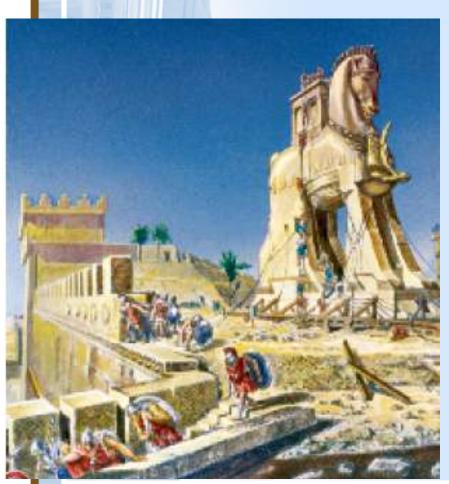
 Later formed core of Greek religious practices, politics, & literature

 Western civilization has its roots in these two early Mediterranean civilizations





Early History: The Trojan War



- 1200s B.C. Mycenaean's fought 10-yr war against Troy
- Provided basis for legend/epic
 - Says Greek army destroyed
 Troy because Trojan prince
 had kidnapped Helen,
 beautiful wife of Greek king
- May have contributed to collapse of Mycenaean civilization



Early History: Collapse of Mycenaean Civilization

- Dorians attacked & burned many Mycenaean cities
- Dorians, people of ancient Greece.
 Their name was mythologically derived from Dorus, son of Helen.
 Originating in the northwestern mountainous region
- Led to decline in economy, trade, & writing under Dorians



Early History: Dorians

- "Dark Ages" of Greek history
- Less advanced civilization
- Economy collapsed
- Trade subsided
- No written records exist

Early History: Epics of Homer (Dorian Age)

 No written records → stories spread through spoken word

• Homer was greatest (750-700 B.C.)

 Blind man who composed epics (narrative poems) celebrating heroic deeds



Trojan War forms backdrop for The Iliad

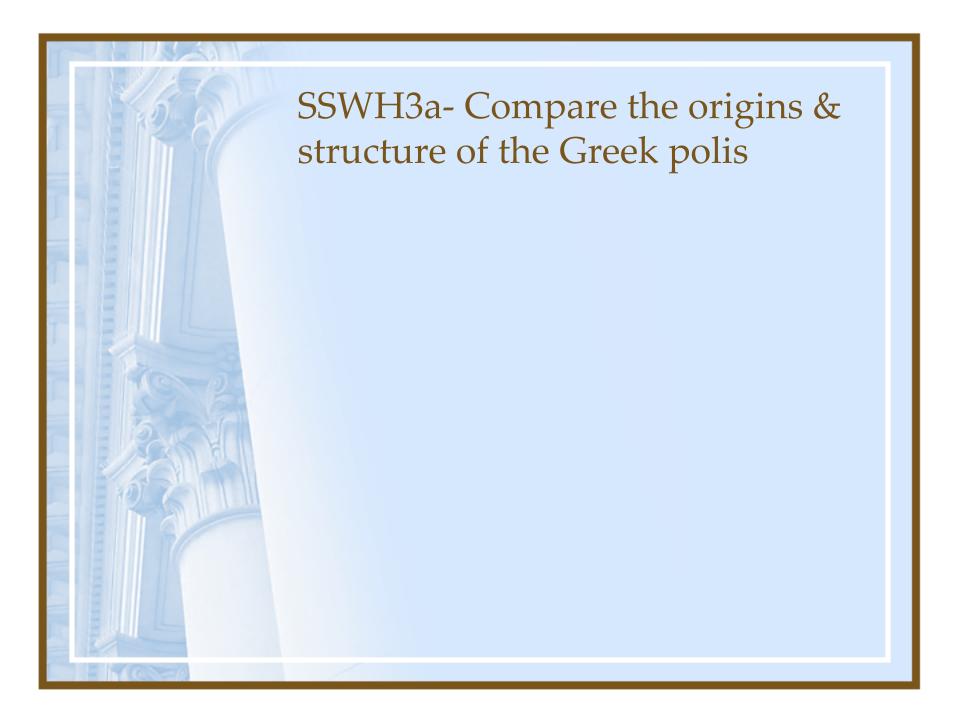


32g Describe polytheism in the Greek world

Early History: Myths Created



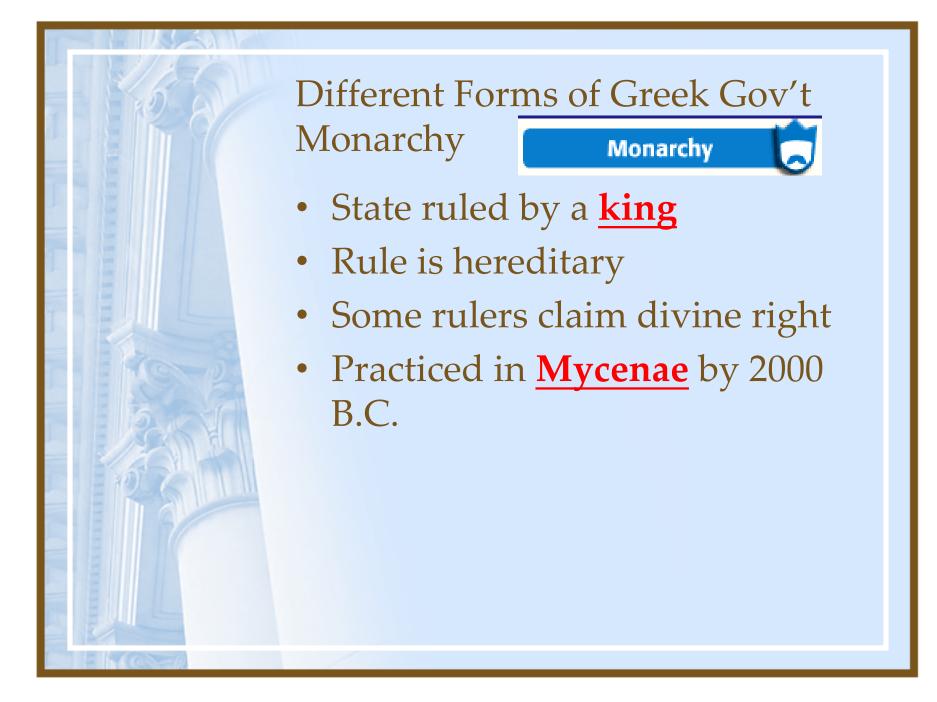
- Myths = traditional stories about gods
- Attached human qualities to their gods
- Zeus was the ruler of the gods who lived on Mt. Olympus with wife, Hera
- Athena, goddess of wisdom, daughter of Zeus
 - Athens named in her honor





- Polis = <u>city-state</u>
 - Fundamental political unit
- Advantages
 - Small, easy to control, <u>centralized</u>
- Disadvantages
 - Controlled little territory, many rivals nearby, greater chance for conflict







- State ruled by <u>nobility</u>
- Rule is hereditary & based on family ties, social rank, & wealth
- Social status and wealth support ruler's authority
- Practiced in <u>Athens before 594</u>
 <u>B.C.</u>



Different Forms of Greek Gov't Direct Democracy Direct Democracy

• State ruled by its



- Rule is based on citizenship
- Majority rule decides vote
- Practiced in <u>Athens by</u> about 500 B.C.



Forms of Government

Monarchy

- State ruled by a king
- Rule is hereditary
- Some rulers claim divine right
- Practiced in Mycenae by 2000 B.C.

Aristocracy

- State ruled by nobility
- Rule is hereditary and based on family ties, social rank, wealth
- Social status and wealth support rulers' authority
- Practiced in Athens prior to 594 B.C.

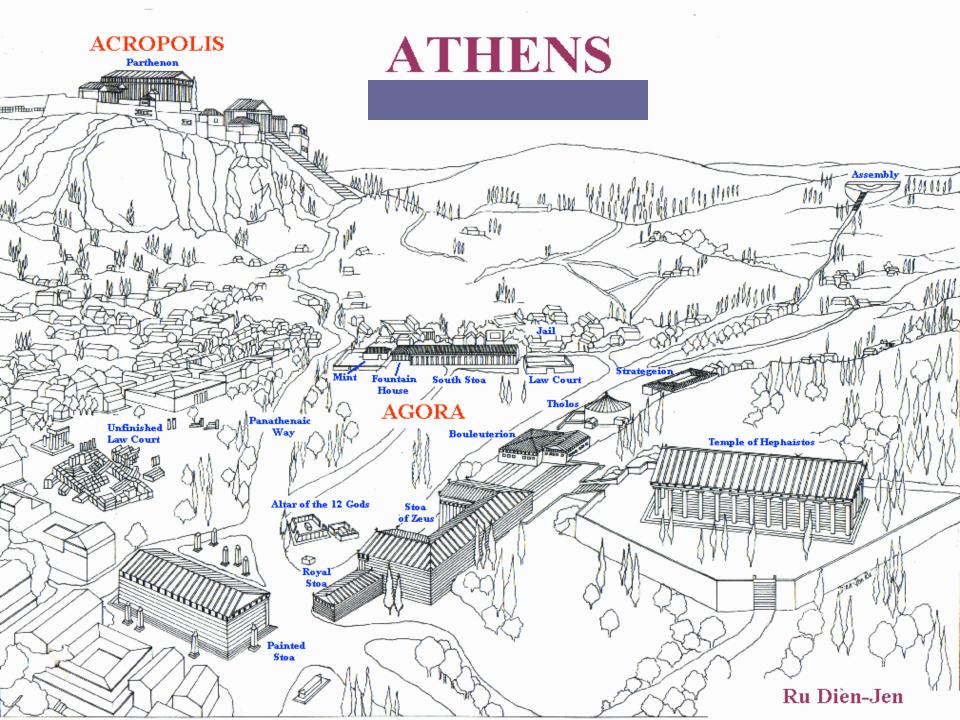
Oligarchy

- State ruled by a small group of citizens
- Rule is based on wealth or ability
- Ruling group controls military
- Practiced in Sparta by 500 B.C.

Direct Democracy

- State ruled by its citizens
- Rule is based on citizenship
- Majority rule decides vote
- Practiced in Athens by about 500 B.C.





Tyrants

- Powerful nobles of wealthy
 citizens would seize power by
 appealing to common people
 for support
 - This happened in city-states
 where constant clashes between
 rulers & common people took
 place

Tyrants

- These were leaders who looked out for the interests of ordinary people
 - Often established building programs to provide jobs & housing for their supporters
 - NOT seen as harsh and cruel like we think of today

725 B.C. Sparta conquers Messenia

Made them helots

 Peasants forced to stay on the land they worked and turn over half their crop each year to the Spartans





 In response, Spartans made themselves a <u>strong</u>, <u>highly-</u> <u>disciplined military state</u>







Sparta Daily Life - Boys



- Centered on military training
- Boys left at age 7 moved into army barracks
- Days spent marching, fighting, exercising
 - All weather only tunics, no shoes
 - No blankets, slept on hard benches
 - Bowl of black porridge (encouraged to steal)
 - Produced tough, resourceful soldiers



Sparta Daily Life - Girls

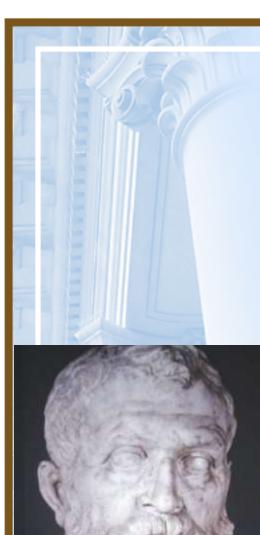
- Service to Sparta above everything else
- Taught to be mothers, wives
- "Come back <u>with</u> your shield or on it."



621 B.C.

Draco (Athens) writes the first legal code

- Code based on idea that <u>all</u>
 Athenians were created equal
- Harsh punishment
 - Death for nearly every crime



594 B.C.

Athenian aristocrats choose Solon to govern

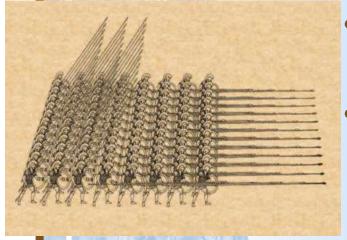
- Outlawed debt slavery
- All citizens could participate in the Assembly



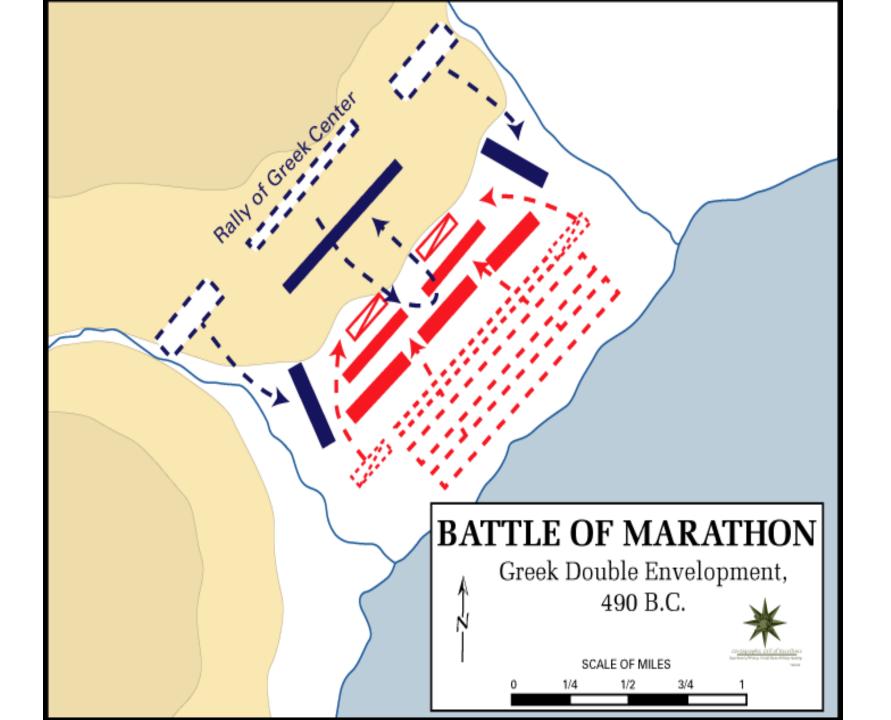
- Allowed all citizens to introduce laws
- Created Council of 500
 - Chosen at random, proposed laws, counseled Assembly

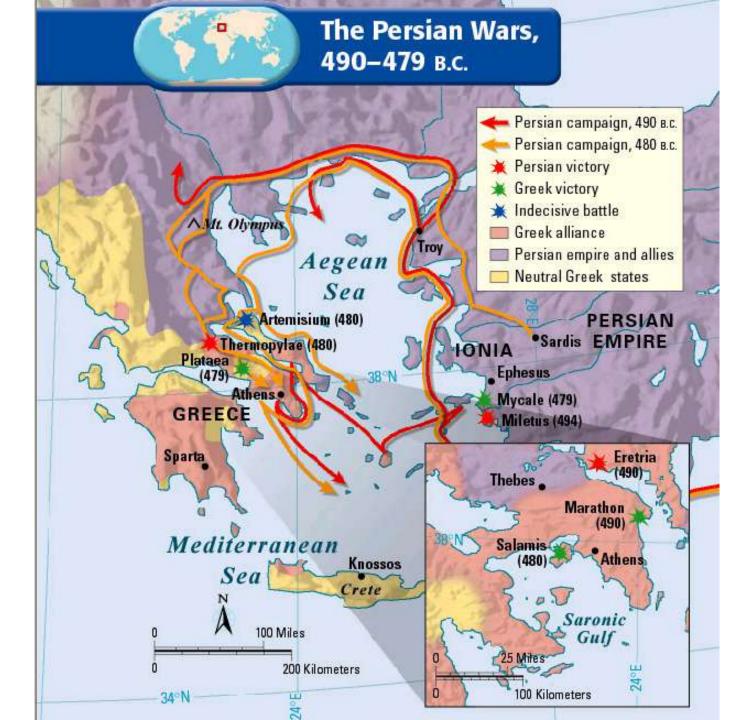


Persian Wars 490 B.C. Battle at Marathon



- 25,000 Persians v. 10,000 Athenians
- Athenians disciplined, welltrained, heavily armored, and had the <u>phalanx</u>
 - Military formation
 - Persians no match for phalanx
 - Persians lost 6,000 men to Athenian 200 – Athens WINS!!
 - Left Athens defenseless

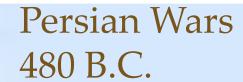






Persian Wars Battle of Marathon Cont...

- Pheidippedes
 - Ran 26.2 miles from Marathon to
 Athens to bring the news of the
 Athenian victory so that the city would not be given up without a fight "Rejoice, we conquer."
 - Collapsed and died right after
 - Greek army was not far behind
 - Persians arrived in the Athenian harbor, saw how well it was defended, and immediately retreated





Xerxes assembles invasion force

- Wanted to crush Athens
- Greek city-states divided, some fighting with the Persians
- Xerxes faced no resistance and continued marching down the eastern coast of Greece

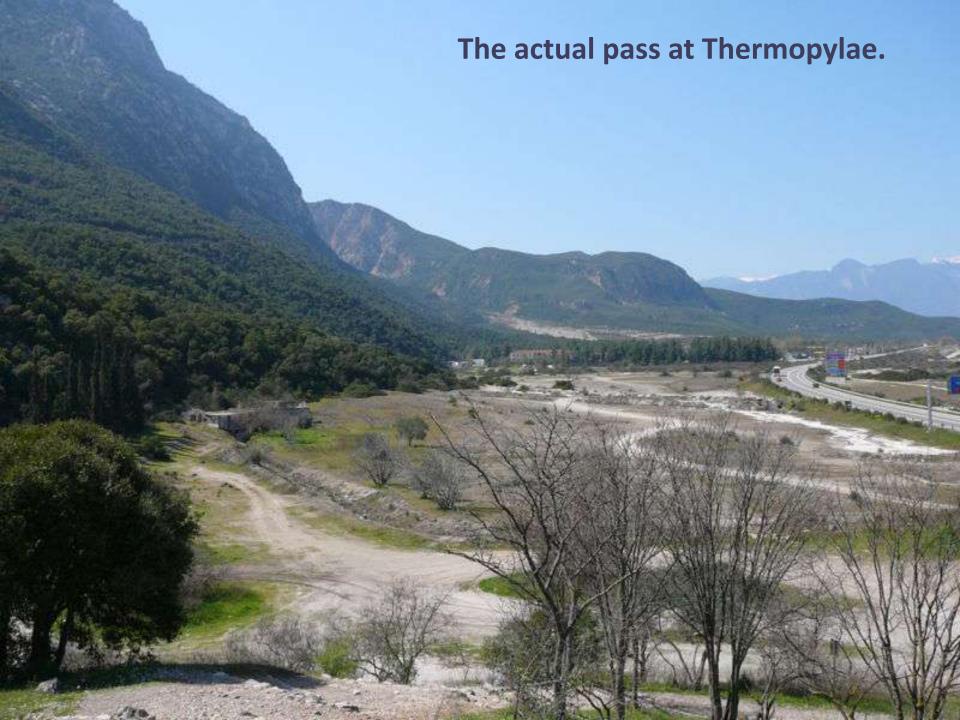


The Persian Wars 480 B.C.

Battle at Thermopylae

- **7,000** Greeks, including **300** Spartans, **blocked** the narrow mountain pass
 - Continued to stop Persian attacks
 - A Greek traitor informed the Persians there was a secret path to move in behind the Greeks
 - Spartans held off the Persians while the remaining Greeks retreated
 - Valiant sacrifice, as all were killed
 - Left a good impression with other Greeks

Spartan 300 During two full days of battle, the small force blocked the only road by which the massive Persian army could pass. After the second day of battle, a local resident betrayed the Greeks by revealing that a small path led behind the Greek lines. Leonidas, aware that his force was being outflanked, dismissed the bulk of the Greek army and remained to guard their retreat with 300 Spartans and few hundred others, most of whom were killed.





The Persian Wars 480 B.C.

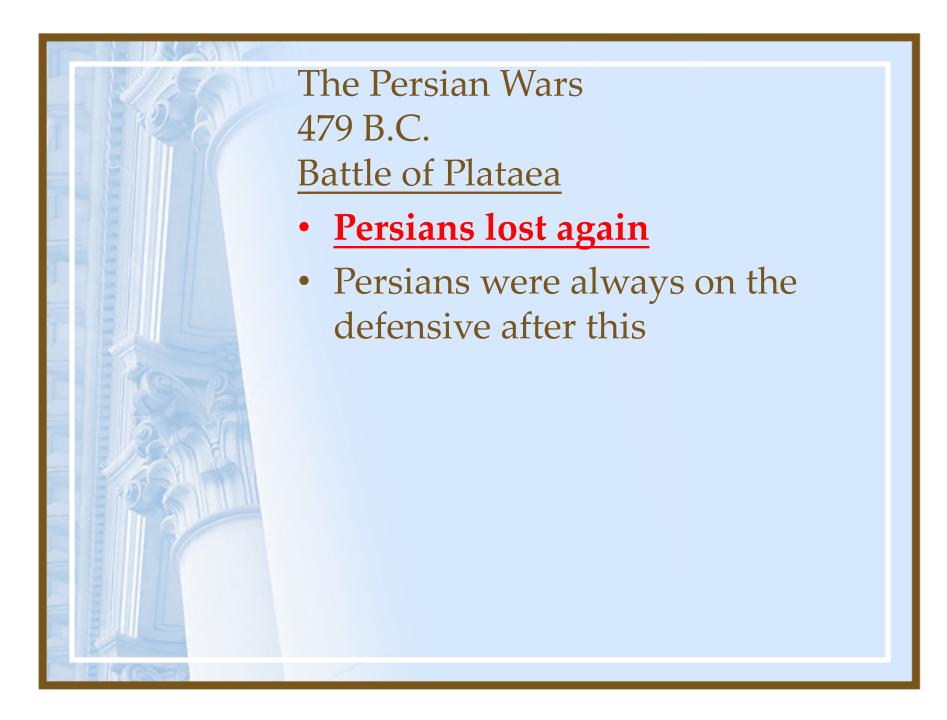
Greeks Fight On The Sea

Athenians evacuated Athens

 Wanted to fight at sea in a narrow channel SW of Athens

Xerxes burns Athens

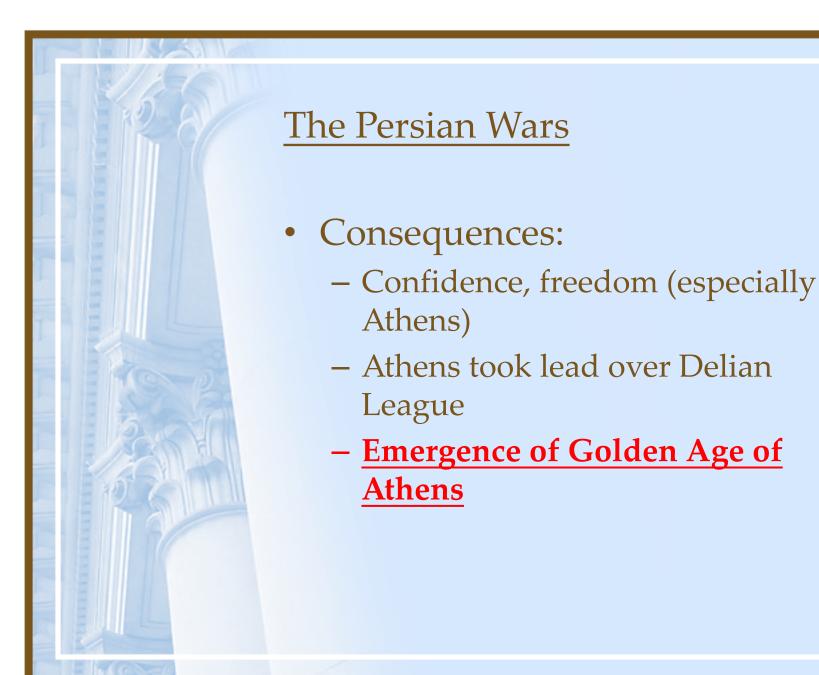
- He sent warships to block both sides of the channel
- Persia's ships were not as mobile as Athens' ships were
 - Small & nimble Greek ships with battering rams attacked
- 1/3 of Persia's fleet was sunk

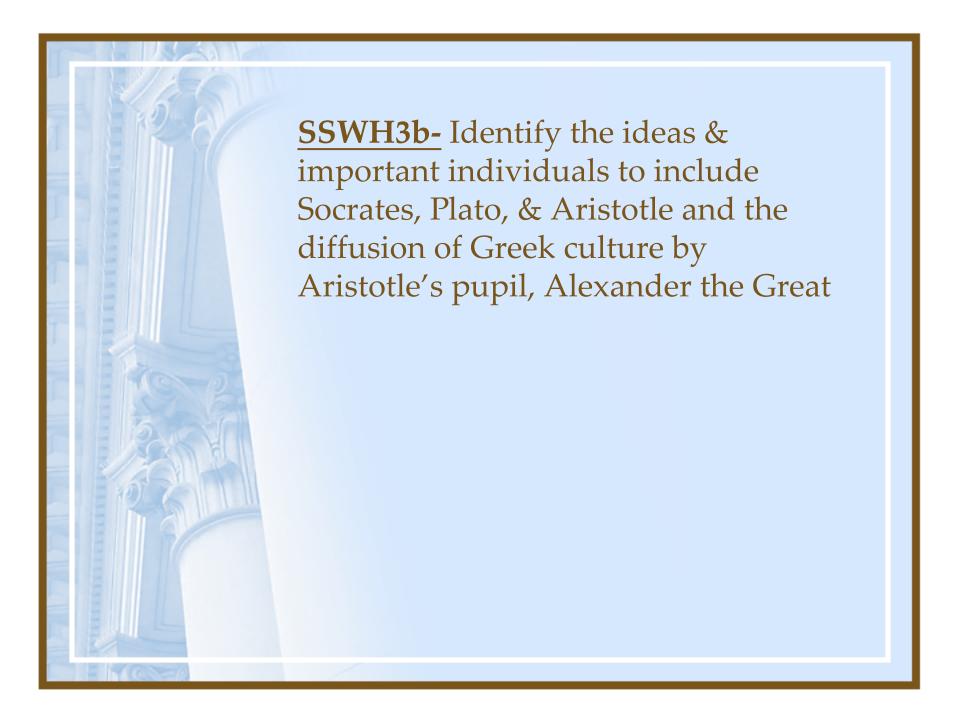




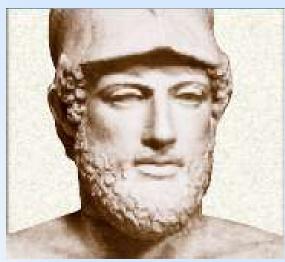
478 B.C. Delian League formed

- Purpose:
 - Form <u>alliance</u> among Greek citystates in order to <u>ward off future</u>
 <u>Persian attacks</u>
- Continued to press war against Persians









Democracy & Golden Age of Athens Strengthen Athenian Democracy

- Increased # of paid public officials
- Result:
 - More citizens involved in selfgov't than any other city-state in Greece, which made Athens one of the most democratic governments in history
 - *Direct Democracy is one in which citizens rule directly, not through representatives



- Took over leadership of Delian League
- Pericles used money from the League's treasury to strengthen Athenian navy
 - Needed to strengthen navy to secure safety of empire





- Used money from League's treasury to buy expensive building materials
- <u>Hired artisans to create works</u> of classical art



Democracy & Golden Age of Athens Architecture & Sculpture

Parthenon



- 23,000 sq. ft. built in style of Greek temples
- Many pieces of Greek art went inside
- Statue of Athena stood over 30 ft. tall

Athenian and United States Democracy

Athenian Democracy

- •Citizens: male; 18 years old; born of citizen parents
- •Laws voted on and proposed directly by assembly of all citizens
- Leader chosen by lot Executive branch composed of a council of 500 men
- Juries varied in size
- •No attorneys; no appeals; oneday trials

Both

- Political power exercised by citizens
- Three branches of government
- •Legislative branch passes laws
- Executive branch carries out laws
- Judicial branch conducts trials with paid jurors

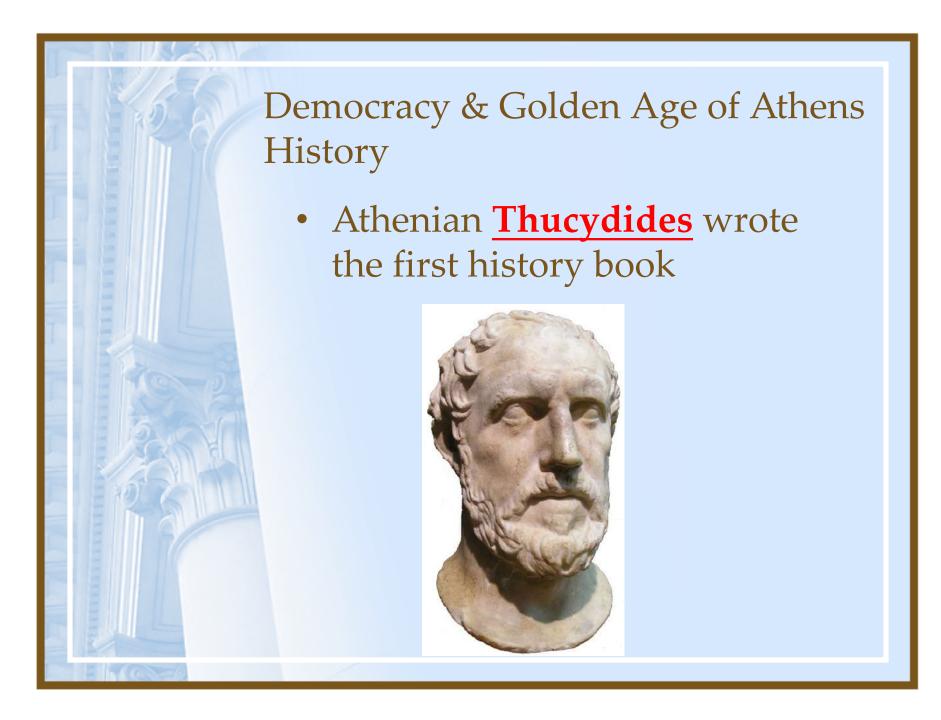
U.S. Democracy

- Citizens: born in United States or completed citizenship process
- Representatives elected to propose and vote on laws
- Elected president
- Executive branch made up of elected and appointed officials
- Juries composed of 12 jurors
- Defendants and plaintiffs have attorneys; long appeals process

Democracy & Golden Age of Athens Drama

- Built the first theaters in the West
- Two Kinds of Drama:
 - Tragedy
 - Serious drama about common themes such as love, hate, war, or betrayal
 - Exs: Oedipus the King, Antigonei
 - Comedy
 - Contained scenes with slapstick situations & crude humor
 - Exs: The Birds, Lysistrata





Democracy & Golden Age of Athens Greek Philosophers: Socrates



Surrounded by supporters, Socrates prepares to drink poison.

Socratic Method of Questioning

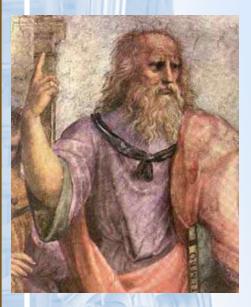
- Question-and-answer approach to teaching
- Asking a series of leading questions to show that people hold many contradictory opinions
- Encouraged people to examine their beliefs
- Was tried & found guilty for corrupting the youth of Athens – he was sentenced to death by drinking Hemlock poison
- "There is only one good, knowledge, and on evil, ignorance."

Plato's *The Apology* is an account of the speech Socrates makes at the trial in which he is charged with not recognizing the gods recognized by the state, inventing new deities, and corrupting the youth of Athens. Socrates' speech, however, is by no means an "apology" in our modern understanding of the word. The name of the dialogue derives from the Greek "apologia," which translates as a defense, or a speech made in defense. Thus, in *The Apology*, Socrates attempts to defend himself and his conduct--certainly not to apologize for it.

Socrates concluded that he must be wiser than other men only in that he knows that he knows nothing. In order to spread this peculiar wisdom, Socrates explains that he considered it his duty to question supposed "wise" men and to expose their false wisdom as ignorance. These activities earned him much admiration amongst the youth of Athens, but much hatred and anger from the people he embarrassed. He cites their contempt as the reason for his being put on trial.

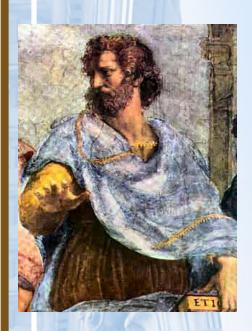
Socrates is found guilty by a narrow margin and is asked to propose a penalty. Socrates jokingly suggests that if he were to get what he deserves, he should be honored with a great meal for being of such service to the state. On a more serious note, he rejects prison and exile, offering perhaps instead to pay a fine. When the jury rejects his suggestion and sentences him to death, Socrates stoically accepts the verdict with the observation that no one but the gods know what happens after death and so it would be foolish to fear what one does not know. He also warns the jurymen who voted against him that in silencing their critic rather than listening to him, they have harmed themselves much more than they have harmed him.

Democracy & Golden Age of Athens Greek Philosophers: Plato



- Pupil of Socrates
- Founded his school, The Academy, in 387 B.C.
- Wrote *The Republic*, his vision of a perfectly governed society
 - Society divided into 3 groups (farmers & artisans, warriors, & the ruling class)
 - Person in the ruling class with the greatest insight & intellect would be a philosopher-king
- "Philosophy begins in wonder."





- Studied at Plato's Academy
- Opened the <u>Lyceum</u> (school) in 335 B.C.
- Developed rules of logic
- Developed <u>scientific method</u>
- Mentor to Alexander the Great
- "He who studies how things originated...will achieve the clearest view of them."



- Causes:
 - Athens grew wealthier & stronger
 - Other city-states viewed Athens with hostility, especially Sparta
- Sparta declared war on Athens in 431 B.C.



- Advantages:
 - Athens = <u>Stronger Navy</u>
 - Sparta = <u>Stronger Army</u> (plus was inland away from the sea)
- Pericles of Athens decided to wait for an opportunity to strike at sea to avoid land fights with Sparta
- Sparta swept across Athenian territory, burning food supplies
 - Didn't really matter b/c Athens could be resupplied with food from their port

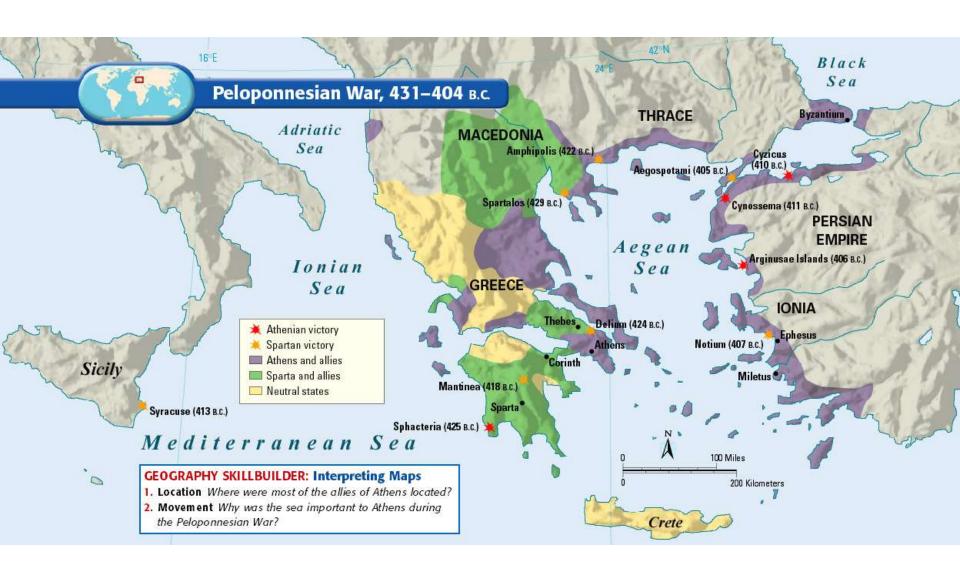


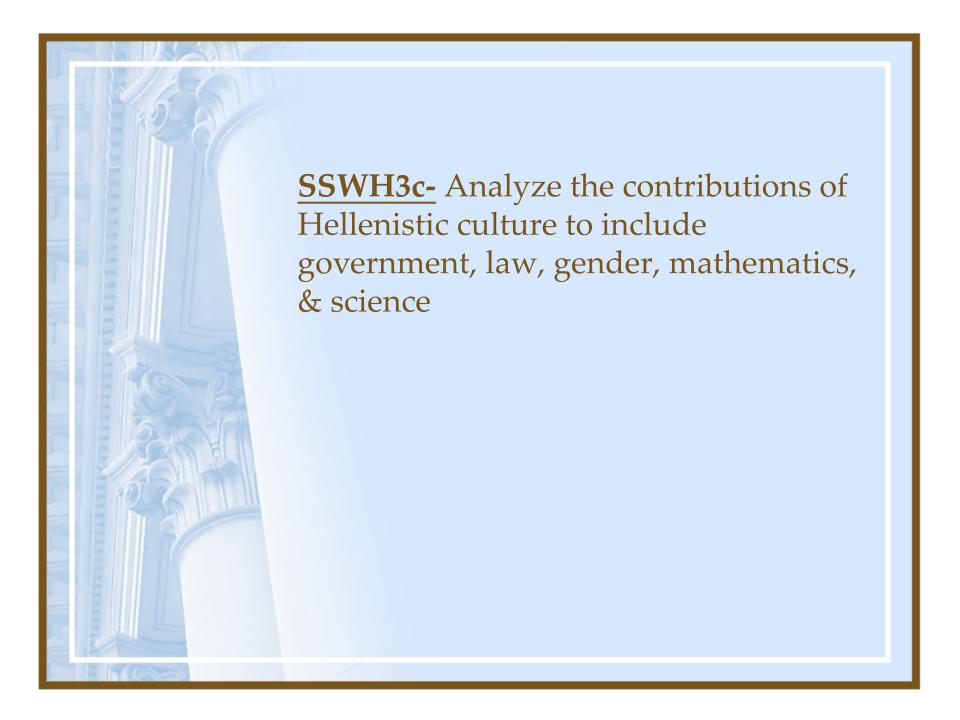
- 2nd year of war plague struck
 Athens killed 1/3 of the population, including Pericles
 - Continued fighting for several years
- 421 B.C.
 - Athens and Sparta sign a truce



- 415 B.C.
 - Athens attacked Syracuse on the island of Sicily (one of Sparta's wealthiest Allies)
 - Athenian army & navy was crushed
- 404 B.C.
 - Athenians & allies surrendered
 - Sparta Wins!







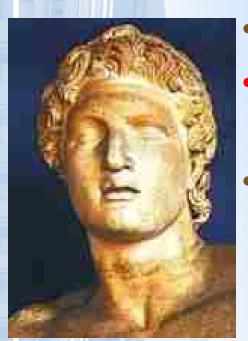


Macedonia

- Located just north of Greece
 - Rough terrain, cold climate
 - Macedonians thought of themselves as Greeks, but Greeks looked down on them



359 B.C. Philip II became king of Macedonia



- 23 years old at the time
- Formed peasants into a welltrained army
- Organized them into phalanxes
 - Used phalanx to break through line, cavalry to crush disorganized opponents



338 B.C.

Athens & Thebes joined forces to fight Philip

- Greeks were defeated soundly at Battle of Chaeronea
- This ended Greek independence
- Greece fell under the control of Macedonia, and others later

336 B.C. King Philip of Macedonia

- Philip was <u>stabbed</u> at his daughter's wedding
- Alexander, his son, immediately claimed the throne
 - He was 20 years old



Alexander

- Pupil of Aristotle
- Quickly put down
 Theban Rebellion
 - No other Greek citystate wanted a piece of him after that



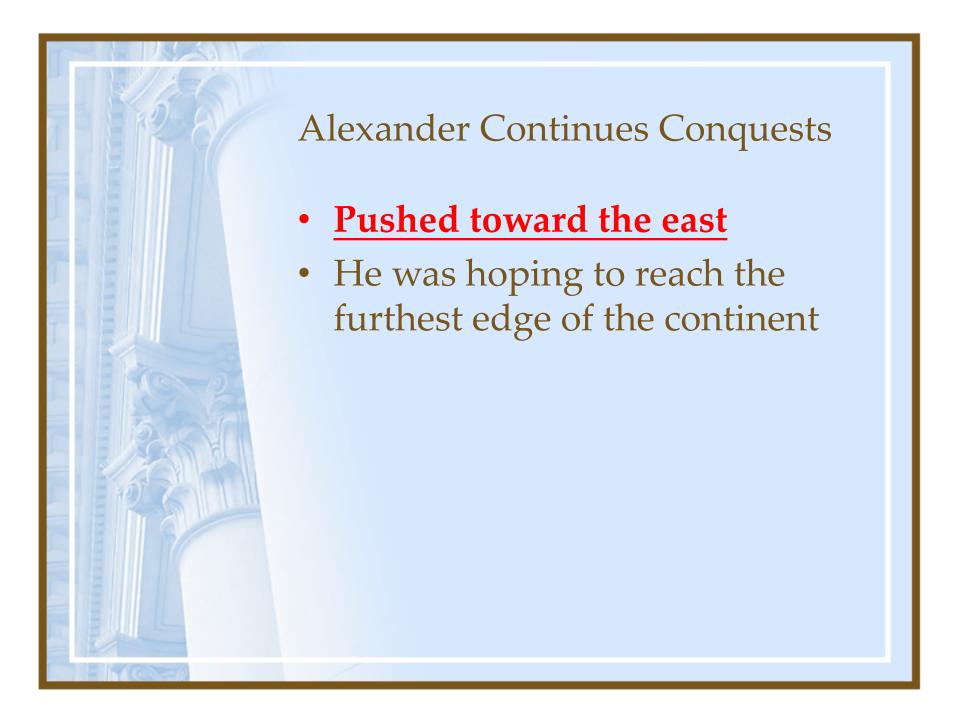
334 B.C. <u>Alexander led 35,000</u> soldiers into Anatolia

- Carried out father's plan to invade Persia
- Smashed first Persian defenses at Granicus (Anatolia)
 - Victory alarmed Persian king, Darius III
- Darius raised 50,000-75,000 men to fight Alexander
 - Alexander found a weak point, broke through the line, & the Persian army fled
- Alexander now controlled Anatolia



332 B.C. Alexander entered Egypt

- Darius offered a peace treaty
 - Alexander, fueled by ambition, refused to accept the treaty
- Alexander liberated Persiancontrolled Egypt
 - They crowned him pharaoh
 - Founded the city of Alexandria
 - Persia's power ended with their defeat at the Gaugamela





326 B.C.

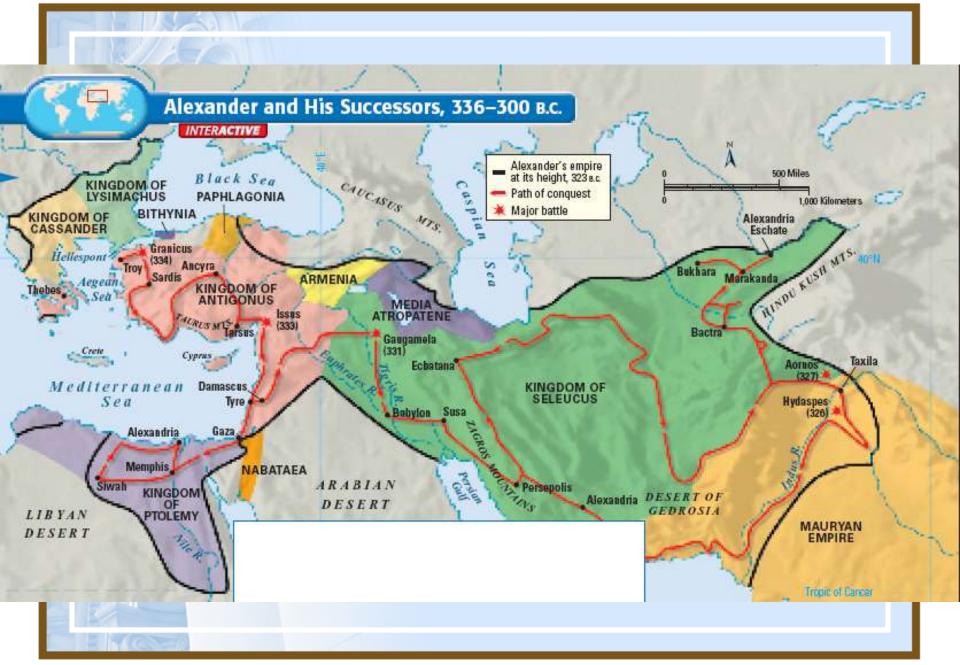
<u>Alexander's army reached the Indus Valley</u>

- Won a battle against Indian army
- Alexander's soldiers were tired & yearned to go home
- Alexander hesitantly agreed to turn back



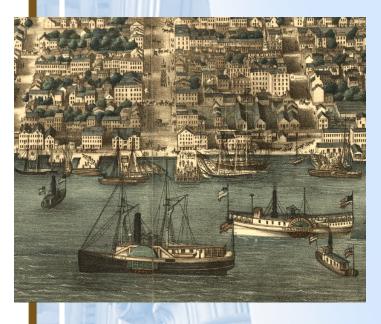
323 B.C. Alexander died at age 32

- Died from fever
- His generals began a power struggle
 - Alexander's empire split into 3
 parts after his death, each part
 controlled by a different general





Hellenistic Culture



- Definition of Hellenism:
 - Blend of Greek, Egyptian,
 Persian, & Indian
 influences
- Koine
 - Common language spoken in Hellenistic cities

Hellenistic Culture Trade & Diversity

Alexandria



- Center of commerce &
 Hellenistic civilizations
- Located on Nile Delta
- Trade ships from all around the Mediterranean docked in its harbor
- Population: ~500,000



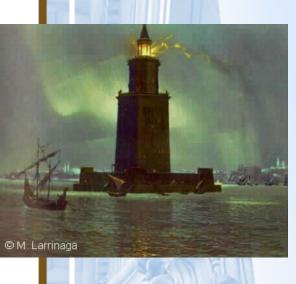
Palaces overlooking harbor

Pharos

 350-foot lighthouse with bronze mirror reflecting light from a blazing fire

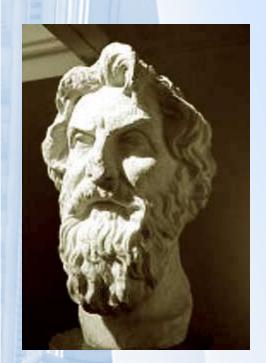
Library & Museum

- Museum had art galleries, a zoo, botanical gardens, & dining hall
- Library had 500,000 papyrus scrolls



Hellenistic Culture Astronomy

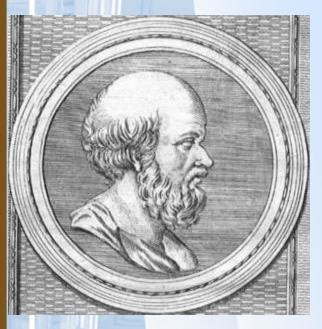
- Aristarchus
 - Estimated <u>sun</u> was at least 300 times larger than <u>earth</u>
 - He underestimated the size of the sun, but disproved the theory that the sun was smaller than Greece

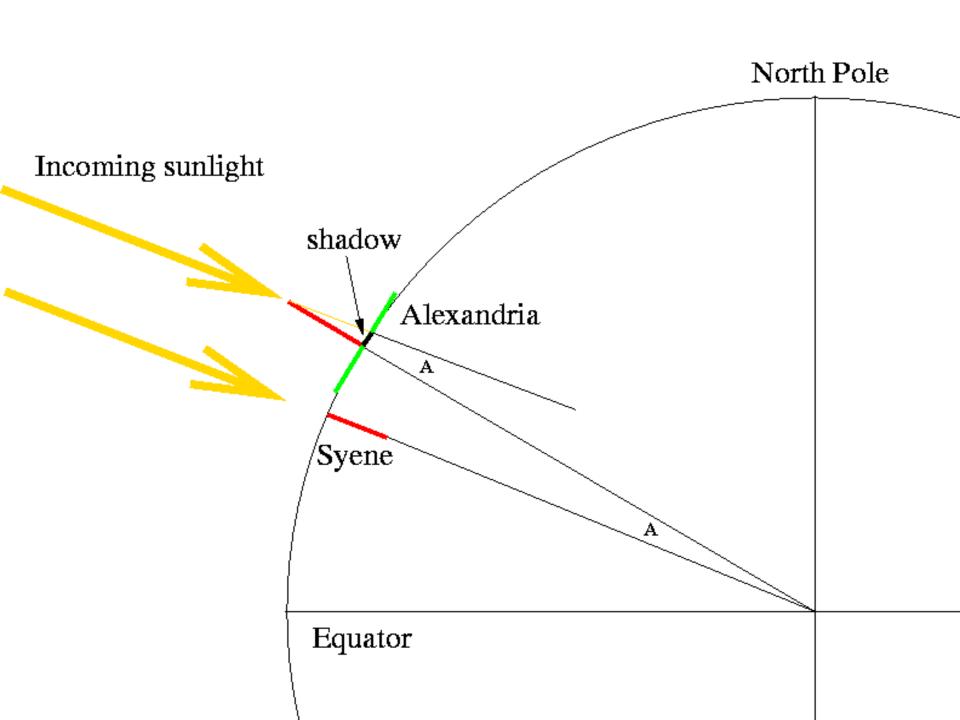




- Calculated <u>Earth's circumference</u> at between 28,000 and 29,000 miles

• Actual circumference: 24, 860 miles



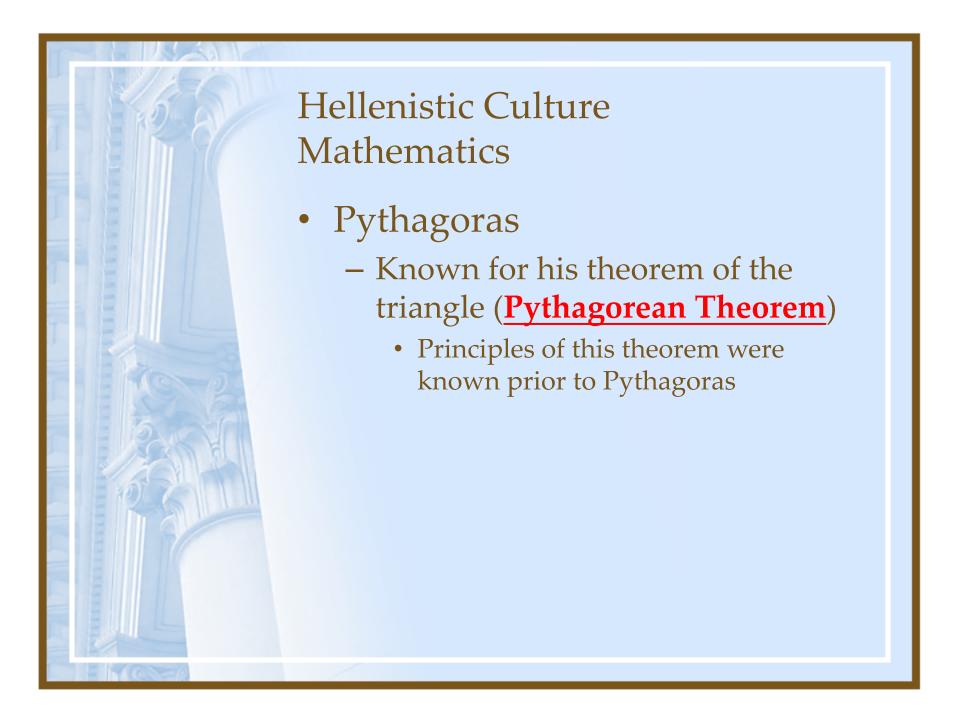


Hellenistic Culture Astronomy

Ptolemy

Incorrectly concluded that the
 earth was the center of the solar system





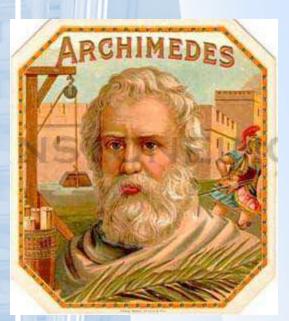
Hellenistic Culture Mathematics

- Euclid
 - Wrote a book called *Elements* which contained 465 geometry
 propositions & proofs
 - His work (and that of Pythagoras) is still the basis for modern geometry classes



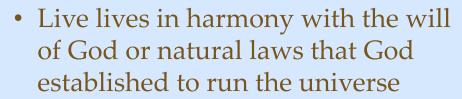
Hellenistic Culture Mathematics/Physics

- Archimedes
 - Accurately estimated the value of $pi(\pi)$
 - Invented compound pulley to lift heavy objects & a device to raise water from the ground

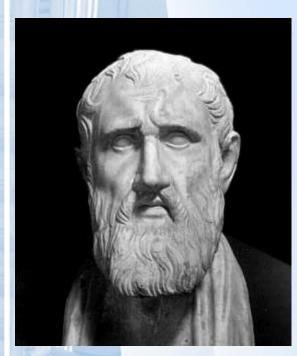


Hellenistic Culture Philosophy

- Zeno
 - Founded <u>Stoicism</u>

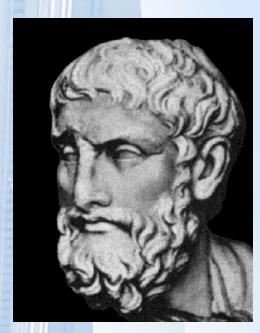


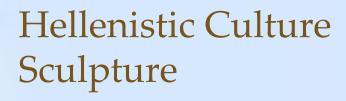
 Human power, desires, & wealth were dangerous distractions



Hellenistic Culture Philosophy

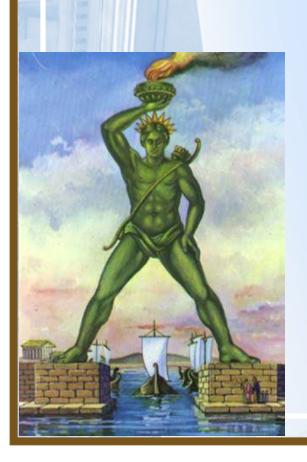
- Epicurus
 - Founded <u>Epicureanism</u>
 - Gods did not care about humans
 - The only real objects were the ones perceived by the 5 senses
 - The main goal of humans is to achieve harmony of the body and mind

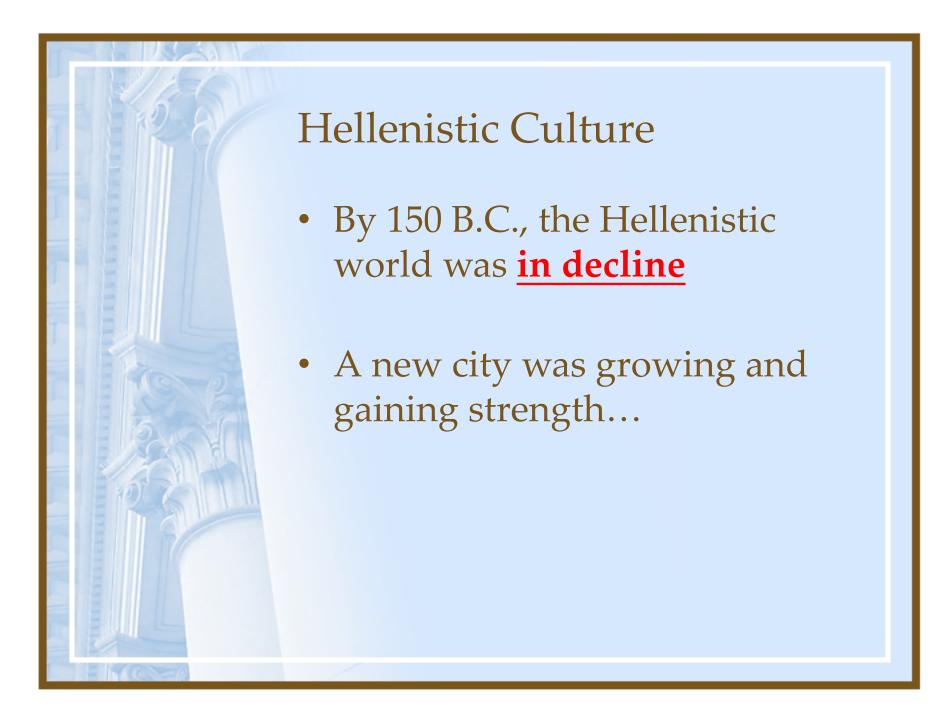




Colossus of Rhodes

- Largest known Hellenistic statue
- Bronze statue that stood more than 100 feet high
- One of the Seven Wonders of the Ancient World





...ROME!!!

