me:	Date:	Period:	#:
	Chapter 7 & 8: Outline Not	es	
	ncient Greeks & Greek Civiliz		
sson 7.1 – Rise of Greek Civilizatio	<u>n</u>		
ountains and Seas:			
Greece was the c     Greek civilization began in	ivilization to develop in Europe	om d	
o Greek civilization began in	an read covered by	and	·
• The mainland is on the southern page 2. Peninsula – body of land w	vith water on	rennisula sides	
<ul> <li>Between the Balkan Penins</li> </ul>	sula and the	Peninsula is the Aegean S	ea.
The Greeks traded	and ideas between islands ar	ad along the area's coastline.	
• and	are how Greeks m	ake a living.	
• Some Greeks settled on the farms,	growing wheat,	, olives and	•
<ul><li>Some Greeks settled on the farms,</li><li>The inland communities were</li></ul>	from eac	ch other by mountains and val	leys. As a result,
these communities became very	ar	nd considered to be	
countries.			
ı İsland Civilization:			
<ul> <li>Greek myths describe an early civil</li> </ul>	ization that developed on	an island so	uitheast of the
Greek mainland.	ization that developed on	, an island so	different of the
	lled the, w	thom constructed the palace for	or King
and his		nom constructed the parace is	n King
	civilization was the first to de	welon in the Aegean region an	d lasted from
about I		velop in the Aegean region an	u iasteu iroin
-	economic activity for the Minoan		
Sometime around			.1 0 1
Historians believe either		the Minoan cities or people fro	om the Greek
mainland, known as	, invaded Crete.		
Mainland Civilization:			
About 2000 B.C., the	left their homela	nd in central Asia and moved i	into mainland
Greece.	ieit then nomeiu	na m centra risia ana movea i	into mamana
. Mycenaean's Kingdom:			
a. Each Mycenaean	lived in a palace built on alls on large farms called	a hill, protected by stone	•
b. Nobles lived outside the wa	alls on large farms called	•	
c. Mycenaean palaces were c	enters of	<del>·</del>	
Traders and Warriors:	-inited the County or		J t . J f t
a. Minoan traders from Minoan Culture.	visited the Greek ma	iniand and the Mycenaeans ac	iopted features of
	and worked with	They used the sun	and stars to
navigate the seas.	and worked with	They used the sun	and stars to
Their chief god wa	S		
b. By the mid-1400s B.C., the	s had o	conquered the	and
controlled the Aegean Sea.		1	
• The Mycenaeans v	vere proud of their	successes in the	War.
a. A Dark Age:			
a. Over time, the Mycenaean	culture ycenaean culture had crumbled.	due to fighting and earth	quakes.
b. By, the M	ycenaean culture had crumbled.		1. 1 . 1 (
	nown as the in	nvaded the Greek mainland ar	id took control of
most of the region.	a in Cuarly history and lynasym as t	la o	
• The next 300 year	s in Greek history are known as t	istom	•
1. This was a Dorian warriors in	time in h	and	
. Hellenes:		unu	_•
a. By 750 B.B., many descend	lants of the people who ran away	returned to the	mainland.
b. Small	developed	under local leaders who becar	ne kings.
c. These people called thems	developed elves, o	r Greeks.	-
d. Farmers grew more food, t	raded the surpluses, and develop	oed a system	that had

letters.

Coloi	nies and Trade:		
•	Greek communities began to send people outside	e the Aegean area to establish	due to a
	shortage of food.		
•	Most of the colonies were along the		
•	Colonies traded with their	causing trade to increase and	adding to a colony's
Tha (	wealth.  Greek City-State:		
	•	and nables miled many eiter	atatas
•	Greek communities became fiercely The Greek city-states were made up of a		
•	independent country)	or, which formed a	(Sillillar to al
1.	What Did a Polis Look Like:		
1.	a. At the center of each polis was a	built on a hilltop, also known as a	•
	b. Outside of the acropolis was an open are	ea called an (used as	a marketplace).
	c. Neighborhoods surrounded the agora.	1	11
	d. City-states were surrounded by What Did Citizenship Mean to the Greeks?:	, and, they were	usually
2.		ship to the	
	<ul><li>a. We owe many of our ideas about citizens</li><li>b. In Greece, male citizens had the right to</li></ul>	, hold public,	own,
	and themselves in court.		
	c. Citizens had the responsibility to serve i	n and fight for t	heir polis as a citizen
	d. In most city-states, only free,	man harn in the polic of	ould be citizens
	e. Women and children might qualify for c	itizenship, but they had no	Juiu de citizens.
3.	Citizen Soldiers:		
	a. In Greece, wars were fought by wealthy		
	b. By 700 B.C., citizens called	made up the armies.	
	• This soldiers tought on	. They stood shoulder to should	ler and raised their
	c. Citizens put the needs of the	re – this formation is known as above their own, but were not	 as a whole
	country which made Greece easy to cond	auer.	as a whole
т	an = a Province Occasions		
Less	on 7.1 Review Questions:		
1	(a) Explain the difference between a colony and po	olis?	
	, —, <sub>F</sub>		
	TATLET CONTROL CONTROL CONTROL		
2	2) What were the ancient Greeks' most important	economic activities?	
	on 7.2 – Sparta and Athens: City State Rivals	<u> </u>	
Politi	ical Changes:		
•	As Greek city-states grew, wealthy nobles seized	, however they did not r	rule for very long.
•	Small farmers wanted The growing unrest led to the rise of	_, and merchants and artisans also called	for
•	The growing unrest led to the rise of	, a leader who seized power and rule	ed with total authority.
•	The harsh rule of a few tyrants gave the word "ty Tyrants ruled many of the Greek city-states until		
•	, in which a few w	rabout 500 B.C. Then, most city-states of sealthy people hold nower over a group of	leveloped into eitner an
	, in which a lew w	running the government.	. Citizens, or a
•	Two of the major city-states in ancient Greece,		e governed very
	differently and created different societies.	,	· ·
Spart	ta: A Military Society:		
•	Located on the Per	ninsula in southern Greece, the people liv	ing in the city-state of
_	Sparta were known as Spartans and were descen	dants of the	aalling thaga lahamana
•	Sparta invaded neighboring city-states and	the local people, obture".	caning these laborers
	a creek word meaning cup	·	

1.	A Stror	ng Military:
	a.	A military society that stressed, Sparta's government prepared all boys and men for a life of war. Boys left their homes at age to join the military. Men entered the regular army
		for a life of war. Boys left their homes at age to join the military. Men entered the regular army
		at age .
	b.	at age Since Spartan men lived away from home, Spartan women enjoyed than the women
		of other Greek city-states:
		• They could own and travel.
		• They could own and travel.
		<ul><li> Girls were trained in</li><li> Their main goal was to raise who were brave and strong .</li></ul>
		Their main goal was to raise who were brave and strong .
2.	How W	Vas Sparta Governed? :
	a.	An, two kings ruled Sparta jointly but they had little  Sparta had two other governing bodies: and the council of elders.  • The assembly, including all citizens over the age of 30, made decisions about
	b.	Sparta had two other governing bodies: and the council of elders.
		<ul> <li>The assembly, including all citizens over the age of 30, made decisions about</li> </ul>
		and
		The council of elders served as judges and each year elected five people to be
		(those who enforced the laws and managed the collection of taxes).
	c.	Sparta's strict government brought, but because the government feared losing the helots, they free thinking and new ideas.  Sparta did not welcome foreign visitors and from traveling outside the city-state
		helots, they free thinking and new ideas.
	d.	Sparta did not welcome foreign visitors and from traveling outside the city-state
		except for reasons.
	e.	except for reasons.  For Sparta's strong army, the only important goals were military and victory.
Athen	s: A Vo	ung Democracy:
•		d northeast of Sparta, Athens was founded by the descendants of the and
•		ry different from the city-state of Sparta.
4		enian Education:
1.		
	a.	Males were in Athens. Boys studied arithmetic, geometry, drawing, and public speaking.
	1.	
	D.	Athenians believed this form of education produced young people with strong and
	c.	Athenian mothers educated their daughters at where they learned spinning, weaving,
		and other household duties.
	d.	Overall, women were expected to marry and care for their
		<ul> <li>They did play an active role in business or government in Athens.</li> </ul>
2.		Reforms:
	a.	By 600 B.C. most Athenian owed money to the nobles.
		<ul> <li>Some famers were forced intoto repay their debts.</li> </ul>
		• The Athenians rebelled and the farmers called for an end to all
	b.	In 594 B.C., a merchant named ended the farmers' debts and freed those who were
		He also opened the assembly and law courts to all male citizens.
	<u> </u>	The common people praised Solon's reforms, but many Athenians remained
	d.	In 560 B.C., a tyrant named made reforms that divided large
	ect	In 560 B.C., a tyrant named made reforms that divided large ates among farmers who had no land. He provided to help farmers buy equipment and
	gar	to Athenians who did not own land.
9	Toward	d Democracy:
3.	10ware	After Poisistratus died a noble named hereas hereame the leader of Athens and made
	а.	After Peisistratus died, a noble named became the leader of Athens and made the the city-state's major governing body. Assembly members could now discuss issues freely, hear legal cases and appoint officials.
		ine the city-state's major governing body. Assembly members could now discuss
	1.	Cleisthenes also created a new council of citizens to help the assembly manage daily
	υ.	Cleistnenes also created a new council of chizens to help the assembly manage daily
		affairs.
	c.	Because council members could only serve a year term, and only two terms, every citizen had a chance to
		be a council member.
	d.	Still, people who were not could not participate in the government – this group included Athenian, foreign-born men, and people.
		included Athenian, foreign-born men, and people.
Locco	n 7 0 Pa	view Questions:
Lesso	ni /.2 Ke	view Questions.
1	) What	was a major accomplishment of Cleisthenes?
1,	, vviial	was a major accompnishment of cicisments:
_	) TA7b	did the Charteng amphasize military training?
2	, wny (	did the Spartans emphasize military training?
1		

## <u>Lesson 7.3 – Greece and Persia</u>

Pe		<b>mpire:</b> hile Athens was undergoing pol		were building a powerfi	ıl empire in present-day
		located in Soutl		1 1 .	
	• U1	nder the rule of King e largest in the ancient world.	, Persia built a strong	g army and started to cr	eate an empire that became
	th	e largest in the ancient world.			
1.		ig an Empire:	1.36		1
	a.	In 540 B.C. Persian troops bro rule.	_		•
		laws.	em these people to keep the		
		<ul> <li>He also allowed the ex</li> </ul>	iled to return	Babylon (their homelan	d).
	b.	After Cyrus, other rulers contin	nued to expand the empire t	hat stretched for nearly	miles.
	c.	To link the massive territory, t	he Persians improved the n	etwork of roads begun b	y the
2.	Persian	Government:			
	a.	Darius I ruled Persia from 522	to 486 B.C. and reorganize	d the government to ma	ke it more efficient. He
		divided the empire into	called satrapie	s, each ruled by a gover	nor called a
		<ul> <li>They collected</li> </ul>	, judged legal cases, ma	naged the	, and recruited soldiers.
	b.	• They collected Persia maintained a full-time, called to serve only during tim	es of war.		
		<ul> <li>Known as the</li> </ul>	when one d	ed, another immediatel	v took their place.
3.	Who W	as Zoroaster?		,	1
0		At first the Persians worshippe	d many . until a r	eligious teacher.	, preached a
		new monotheistic religion.	,,	8	, F
		• Once accepted his reli	gion became known as		
	b.	• Once accepted, his reli As a result of Zoroastrianism,	ha Parsians hagan to view t	heir own monarchy as a	<b>·</b>
	υ.	institution or role.	the reistans began to view t	nen own monarchy as a	·
		After Darius' rule ended, the P	ousians continued to prostic	a Zanaastrianism fan as	ntunias. The policien has
	c.	about followers today			nturies. The rengion has
	_	·	,		
Th		an Wars:	1 . 1	T 1 1	2.1 .1
		the 400s B.C. began, the Persianceks.	is were ready to expand int	o Europe, nowever, tney	/with the
			of the Greeleshalises dait		and a mulada and
		nile Persians obeyed a king, mar	y of the Greeks believed cit	zens snouia	wno ruled and
		verned them.			
		nen the Greeks revolted against		arius	the mainland of Greece.
1.		id the Greeks Win at Marathon?	<b>:</b>		
	a.	The Persians landed at	, a plain a	lbout 25 miles northeast	t of Athens. When their
		enemy refused to fight, the Per	sians sailed directly to	to attack by	sea.
	b.	enemy refused to fight, the Per As soon as the Persian horsem of As a result, the Persians suffer	an were on the ships, the A	henians charged down	the hills and onto the plain
	c.	As a result, the Persians suffer	ed a terrible	·	
2.		nd Sea Battles:			
	a.	After losing at Marathon, the F of their new king, The Greek city-states banded Although the Spartan's fought	ersians vowed the Persians inva	against the Atded Greece.	thenians and under the rule
	b.	The Greek city-states banded		o fight the Persians.	
	C.	Although the Spartan's fought	at The	monylae, the Greeks co	uld not stop the Persians. A
	<b>.</b>	traitor showed the Persians a t behind.	rail leading around the Gree	ek line which allowed th	em to from
	d.	While the Spartans continued	to attack Persia's ships, the	Athenian fleet lured the	Persian fleet into the Strait
	e.	of The Great The Greeks almost entirely des	troved the Persian fleet his	en bouts were smaner a tetill the Percion	coldiers marched or
	е.	to Athens and set it on fire.	moyeu me i eisiali neet, bu	com, the reisian	soluters marched of
	f.	Then, the Greek city-state form	and their	vot and defeated t	ho Dorgian army
0		e of Persia:		yet and defeated t	ne i cisian aimy.
3.		After losing Greece, Persia face	nd many challenges. Their s	rmy was no longer strey	ng and the poople grow
	a.	unhappy with their governmen	it. As Persia weakened, it b	ecame open to	·

Lesson 7.3 Review Questions:
1) What were the responsibilities of the satrap?
2) What brought Sparta and Athens together as allies?
Lesson 7.4 – Glory, War, and Decline
The Rule of Pericles:
<ul> <li>As the Persian Wars ended, Athens became a city-state.</li> <li>Under the new leader,, the Athenians enjoyed a golden age of prosperity and achievement</li> </ul>
<ul> <li>Under the new leader,, the Athenians enjoyed a golden age of prosperity and achievement</li> </ul>
1. Democracy in Athens:
a. Athens had a democracy, in which all citizens met to debate and vote on government matters.
This type of government worked because of the number of citizens living in ancient Athens.  b. During the meetings of the assembly, participating citizens passed laws, elected officials, and made policy was
and foreign affairs. The top officials, elected each year, were known as
2. Pericles in Charge:
a. Pericles made Athens a more democratic city-state and brought more ordinary Athenians into
<ul> <li>b. Under his rule, Athens was rebuilt and became a center of and the arts.</li> <li>c. Pericles also supported writers,, teachers, sculptors, and</li> </ul>
c. Pericles also supported writers,, teachers, sculptors, and
<ul> <li>Philosophers also flourished during his rule</li> </ul>
A.1 ' T'C
Athenian Life:  • At its height in the 400s B.C., Athens was the Greek city-state
At its neight in the 400s B.C., Athens was the Greek city-state  1. Athenian Men and Women:
<ul><li>a. Men worked as farmers, artisans, and</li><li>b. Women focused on their They could not attend school, but many learned to read and pla</li></ul>
music.
• Educated women were equal to men.
c. Husbands were responsible for their wives and
<ul> <li>c. Husbands were responsible for their wives and</li> <li>Sons looked after their mothers.</li> <li>d. A few women had more freedom, especially foreigners, who were regarded differently than Athenian-born</li> </ul>
d. A few women had more freedom, especially foreigners, who were regarded differently than Athenian-born
women.
• Example: A woman named known for her intelligence and charm.
2. What Was the Role of Slavery in Athens?:  a. Even in a democracy like Athens, was common. Many enslaved people were prisoners
who had been captured in battle.
• Enslaved: worked on farms, in the shops of artisans, or hard labor.
• Enslaved : cooked or servants
• Enslaved: cooked or servants b. Slavery might have helped Athens develop its
3. The Athenian Economy:
a. While farming was a common occupation among Athenians, farms lacked to grow enough food to
support the city-state.
b. Athens built a large fleet of ships to trade with colonies and other city-states in the Mediterranean world.
War Between Athens and Sparta:
• In 4798 B.C., joined with other city-states to form a protective league to defend its members

•	In 4798	,	oined with other city-states to fo	rm a protective league to defend its members
	against	the	·	
	0	The headquarters was lo	cated on the island of	It became known as the
		League.		
	0	Athens provided the	and	, while other city-states supplied the
		_		• • • • • • • • • • • • • • • • • • • •

1.		nenian Empire:		
	a.	a. Despite its successes, the Delian League		
	,	• Athens being the strongest city-state, over time, began to control the other member city-states.		
	b.	Under the leadership of, Athens dominated the Delian League and treated the other		
	T47 D	city-states like subjects.		
2.		eaks Out:		
	a.	Both Athens and Sparta wanted to be the in the Greek world. War broke out between the		
	1_	two city-states in 431 B.C. and continued until 404 B.C.		
	D.	Historians call this conflict the War because Sparta was located in the		
_	Domisla	Peloponnesus.		
3.	Pericies	s' Funeral Oration:  Diving the word first winter. Athers held a public funeral to golding who had died in bettle		
	a.	During the war's first winter, Athens held a public funeral to soldiers who had died in battle. In a famous speech called the "Funeral Oration," Pericles talked about the greatness of Athens and reminded		
		the people that they made their government		
	b	the people that they made their government  In his speech, Pericles emphasized that the way of life is worth protecting.		
	υ.	Citizens had to show the males in their		
		<ul> <li>Citizens had to obey the rules in their</li> <li>Accept certain duties like paying and defending the city.</li> </ul>		
		• Accept certain duties like paying and defending the city.		
	TATL D	• They could also and run for office.		
4.	Why Di	d Athens Lose the War?:		
	a.	Shortly after the war states, Sparta surrounded  The powerful Athenian would being supplied to the city from its colonies and allies. However,		
	υ.	Charte leaked a grand could not stop the Athonian ships		
		Shortly after the war states, Sparta surrounded  The powerful Athenian would bring supplies to the city from its colonies and allies. However, Sparta lacked a and could not stop the Athenian ships.  After two years of remaining safe, a broke out in the overcrowded city of Athens. More than a third of the people died, included		
	c.	than a third of the people died included		
	a	than a third of the people died, included  After several years of fighting, Sparta made a deal with the Persian Empire and agreed to give the Persians		
	u.	some Greek territory in In return, Sparta received enough Persian gold to build its own		
		some Greek territory in In return, sparta received enough reisian gold to build its own		
	e	As war dragged on, Athens fell into a states of The Spartans were able to known down the		
	с.	city walls of Athens and the Athenian empire		
5.	The Effects of the Warr			
J.	a.	The Peloponnesian War brought to the Greek city-state.		
	-	Governments were left divided and weak. Many people had died and fighting had destroyed		
	b.	After the war, Sparta ruled its new empire much like Athens had before. But this		
	~•	angered Sparta's former allies and people started to rebel.		
	c.	Although Sparta tried to put down rebellions and fight Persia again, the city-sates of seized		
		Sparta and ended the Spartan Empire.		
	d.	But as city-states fought, they did not notice a growing threat facing them from the kingdom of Macedonia to		
		the north. Macedonia's strength and desire for expansion would eventually cost the Greek city-states their		
		·		
Le	esson 7.4	Review Questions:		
	1) W	hat jobs in the Athenian slaves do?		
	2) W	'hy did the Delian League break apart?		

## <u>Lesson 8.3 – Alexander's Empire</u>

Phillips of Macedonia:		
<del>-</del>	set out to conquer the Greek city-states but	failed.
	were people who lived north of Greed	
Greece.		
1. Conquering Greece:		
a. The Macedonians were Phillip II.	and did not be	ecome a strong kingdom until King
	of Macedonia in 359 B.C. He create Greek city-states.	ated a strong military which he used to
Alexander Takes Over:		
<ul> <li>King Philip was killed and his so</li> </ul>	n became king.	
• At age , Alexander was se	rving as a commander in the Macedonian.	
1. War with Persia:	Ü	
a. In 334 B.C., Alexander led a was to defeat the	bout 40,000 Macedonian and Greek soldier (one of the strongest armies in th	rs into Minor. Their goal e world).
b. Alexander's Granicus which crushed the	(one of the strongest armies in th (soldiers on horseback), proved to l	be a stronger force. Fighting a battle at
c. As Alexander's forces contin	ued to march across Asia Minor, they	Greek city-states that had
been under Persian rule. d. Alexander and his troops co	ntinued to fight and conquer lands along the	e Mediterranean coast. In 331 B.C.
they conquered	 named This be	
	named This be	ecame a key place for business and
trade.	ong to Maganatamia and than to India	
	oops to Mesopotamia and then to India. ler returned to Babylon in bad condition. H	Is would die at the age of
• III 323 B.C., Alexand	ier returned to babyion in bad condition. In	ie would die at tile age of
Alexander's Legacy:		
Alexander's successes marked th	e beginning of the	Era.
o The spreading of Greek	e beginning of the language, ideas, art, and architecture thoug	h Asia and Egypt.
1. A Divided Empire:		6, 1
a. Alexander planned to unite	, Greeks,	and Asians in
his new empire. Creating	, Greeks, great empire.	
b. His plan died when he died,	and his generals divided the empire into	separate kingdoms.
<ul> <li>Macedonia,</li> </ul>	, Egypt, and the	Empires.
2. The Hellenistic Kings:		
a. People who served in the go	vernment of the Hellenistic kings had to spe	eak
<ul> <li>The kings preferred</li> </ul>	to give jobs to Greeks and	
b. The Hellenistic kings created	l new cities and military posts.	
c. The Hellenistic rulers encou	raged Greek and Macedonians to settle in c	onquered lands. These colonies
spread Greek culture widely	into Egypt and	
Lesson 8.3 Review Questions:		
1) Why was the cavalry an import	ant part of Alexander's army?	
2) What is the Hellenistic Era?		

## <u>Lesson 8.4 – Hellenistic Culture</u>

Helle	enisti	c Arts:
•		ring the Hellenistic Era, philosophers, scientists, poets, and writers moved to New Greek cities in Southwest
		a and Egypt. Many of these cities were centers of
1. B		gs and Statues:
	a.	Greek architects served an important rule, planning public projects for new cities and
		rebuilding old cities.
	b.	Hellenistic kings and other wealthy citizens hired Greek sculptors to create for towns and
		cities. They did not carve ideal figures to reflect beauty and harmony, however, but rather showed people in
		a more style.
2. H		stic Writers:
	a.	Hellenistic rulers supported talented writers, therefore poets and writers produced a large amount of
	h	during the Hellenistic Era.
	υ.	Athens remained the center for Greek theater where writers produced plays that were, not tragedies.
Thin	kers	and Scientists:
111111		ring the Hellenistic Era, Athens continued to support Greek philosophers.
•	Du	ring the Henemistic Era, Athens continued to support Greek philosophers.
•	Kir	ng Philip was killed and his son became king.
•	At :	age, Alexander was serving as a commander in the Macedonian.
1.		Was Epicurus?:
1.		Epicureanism taught that finding was the goal of life and that the way to be happy
	и.	was to avoid
2.	The S	Stoics:
	a.	The Stoics claimed that people who were guided by their emotions lived unhappy lives and that
	b.	resulted from using Unlike Epicureans, Stoics thought people had a duty to serve their community.
3.		ice and Mathematics:
	a.	Science also flourished during the Hellenistic Era and scientists performed many experiments and developed
		new theories. At the time, some astronomers thought that the Earth was the of the universe.
	b.	Eratosthenes concluded that Earth was and then used his knowledge to measure
		Earth's geometry in his book
	c.	Euclid of Alexandria advanced the field of mathematics and described geometry in his book
		"Elements."
	d.	Archimedes worked on solid geometry and was an inventor. He developed machinery and weapons of war, one of the more famous being the
Croo	00 OH	<ul> <li>Hellenistic though and culture had long lasting effects.</li> <li>ad Rome:</li> </ul>
Gree		acedonia held power over Greece for a time. However, Sparta and other city-states regained their independence
•		time. However, Sparta and other city-states regained their independence to only for a time.
_		me, a city-state in central Italy, conquered the entire Italian Peninsula and Greece lost its land in
•	KO.	in the late 200s B.C.
	The	e Greeks attempted to stop Rome's growing power, but failed. They started to support Rome's
•		wars, but the Romans won the battles.
		adually, Rome gained control of the Greek mainland.
_	Oit	addity, Rome gamed control of the officer mammand.
Less	on 8.4	4 Review Questions:
	1) W	Thy did Greek scientists study the circumference of Earth?
	- ) - • · ·	71 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
3	2) W	hy did Alexandria become a major center of learning?