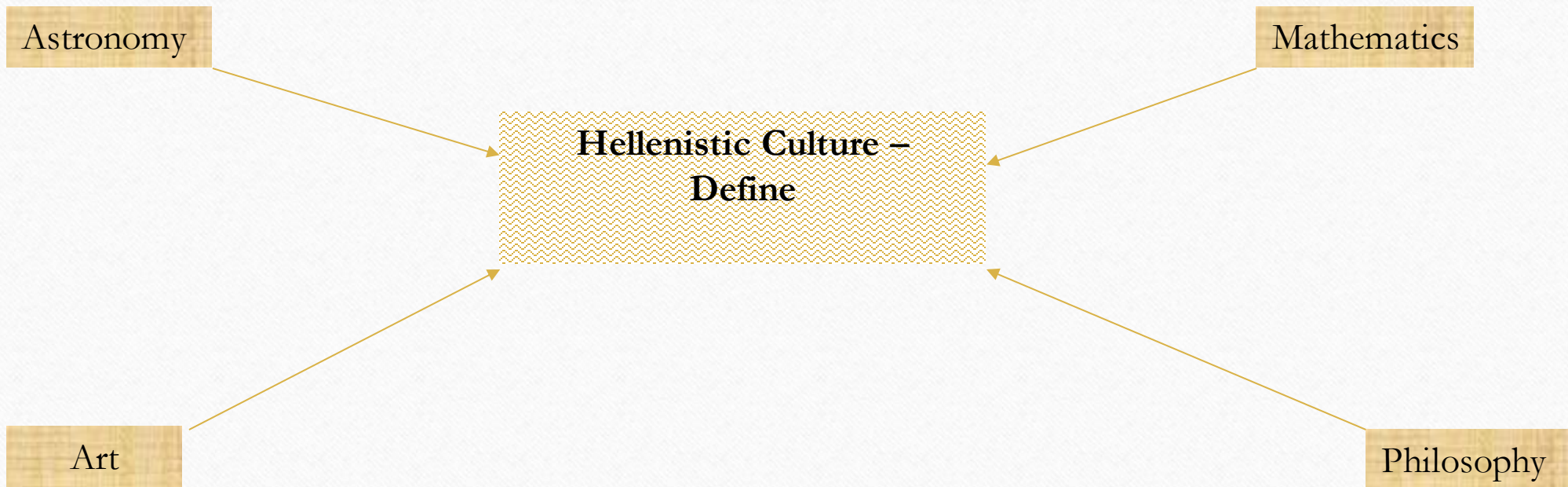


Hellenistic Culture

Page 182 -187

Hellenistic Culture

Page 182 -187



What was the common language used in Hellenistic cities?

-
- Hellenistic culture was a blending of Greek, Egyptian, Persian, and Indian cultures.
 - Koine (koy.NAY) was the popular language used in Hellenistic cities.
 - Greek word for common
 - Lingua franca
 - Markets – Greek marble to Arabian spices to ivory from East Africa
 - The heart of the Hellenistic world - Alexandria, Egypt (lighthouse, great Museum, and library)

- Astronomy –

- Aristarchus concluded the sun was larger than the earth and the planets revolved around the sun. (heliocentric theory)
- Eratosthenes – used geometry to compute the earth's circumference (earth was round)

- Mathematics –

- Euclid compiled a geometry text that is still the basis of geometry.
- Pythagoras – discovered important principles studies in geometry ($a^2+b^2=c^2$)
- Archimedes (physics) -
 - value of pi
 - Invented a pulley system

- Philosophy-

- Concerned with how people should live
- Two major thinkers – Zeno & Epicurus

- Art

- Sculptures - more natural works
- More realistic and emotional