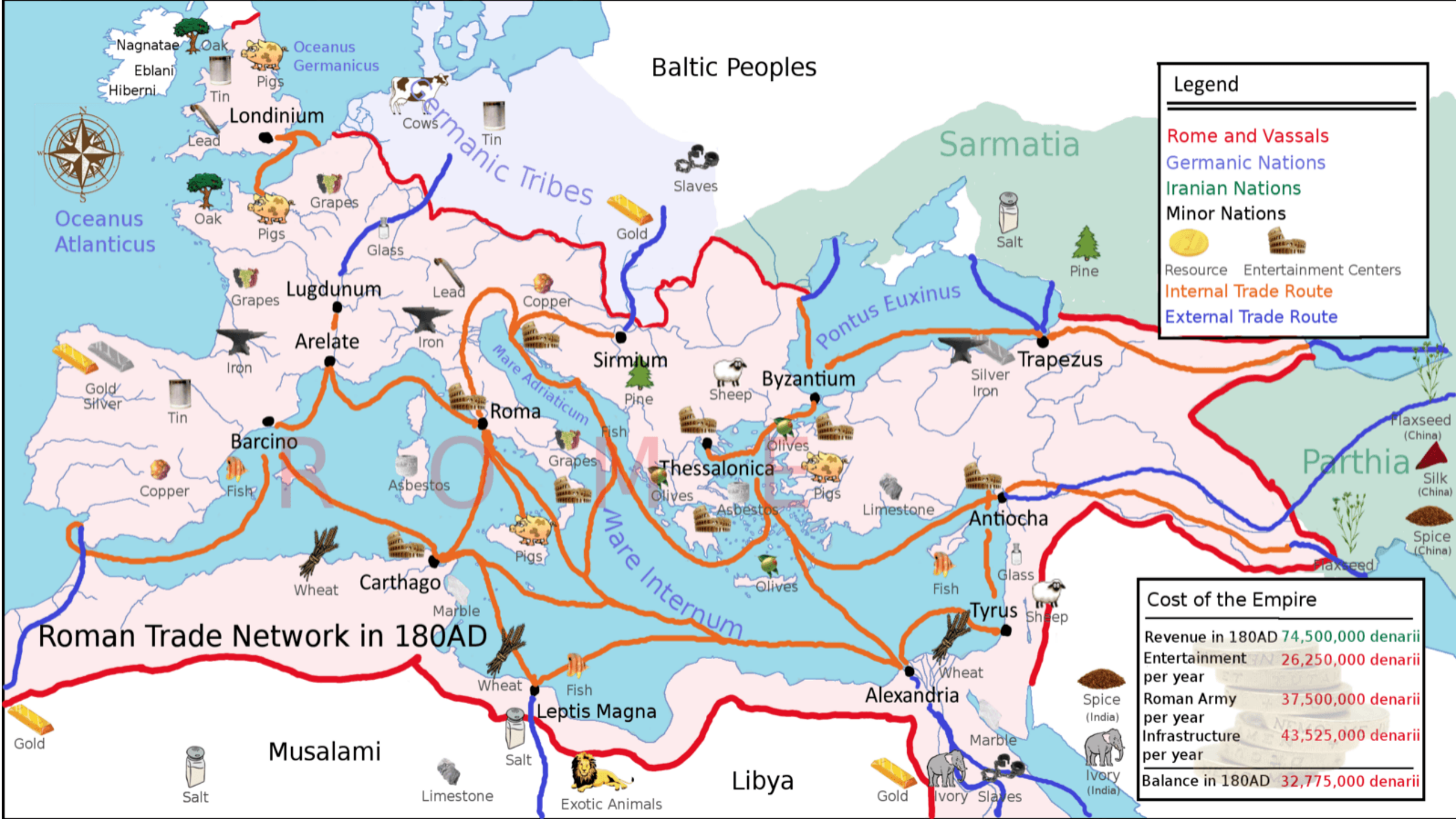


Natural Resources and Rome





Nagnatae
Eblani
Hiberni

Oak
Tin
Lead

Pigs

Oceanus Germanicus

Cows

Tin

Baltic Peoples

Germanic Tribes

Slaves

Sarmatia

Salt

Pine

Oceanus Atlanticus

Oak
Pigs

Grapes

Glass

Lead

Copper

Gold

Pontus Euxinus

Londinium

Lugdunum

Arelate

Sirmium

Byzantium

Trapezus

Gold/Silver

Tin

Iron

Iron

Copper

Pine

Sheep

Silver Iron

Barcino

Roma

Thessalonica

Antiocha

Flaxseed (China)

Silk (China)

Spice (China)

Parthia

Flaxseed

Roman Trade Network in 180AD

Mare Adriaticum

Mare Internum

Carthago

Pigs

Wheat

Olives

Asbestos

Limestone

Fish

Glass

Sheep

Wheat

Marble

Wheat

Fish

Leptis Magna

Alexandria

Wheat

Wheat

Spice (India)

Ivory (India)

Musalami

Salt

Limestone

Salt

Exotic Animals

Libya

Gold

Ivory

Slaves

Marble

Basic dates

- Romulus, 753 BCE
- The Republic, 509 – 50 BCE
- The Empire 49 BCE – 476 CE



Tiber River





Mars

Jupiter



Quirinus

Cybele

Nature mountains and fertility



The Roman Forum







The Roman Republic

- Successful Strategies
 - Good diplomats
 - Allowed conquered to become citizens
 - Accomplished and persistent soldiers
 - Did not give up in defeat
 - Brilliant strategists
 - Built new roads and towns so troops could easily move
 - Practical
 - Created political institutions in response to problems



Vestal Virgins



The Republic



The Senate and People of Rome

- 509 BC
- Democratic society
- Office of Tribune
- Punic Wars
- Spartacus slave revolt 71 BC
- Triumvirates
 - 1st Cesar, Pompey, Crassus 60 BC
- Julius Caesar – Declares a Dictatorship 45-44 BC

The Empire

- Democracy ends
- 1st Augustus 27 BC
- Expansion
- Tiberious condemns Jesus to death, 30AD
- Last, Romulus Augustulus, 476 AD

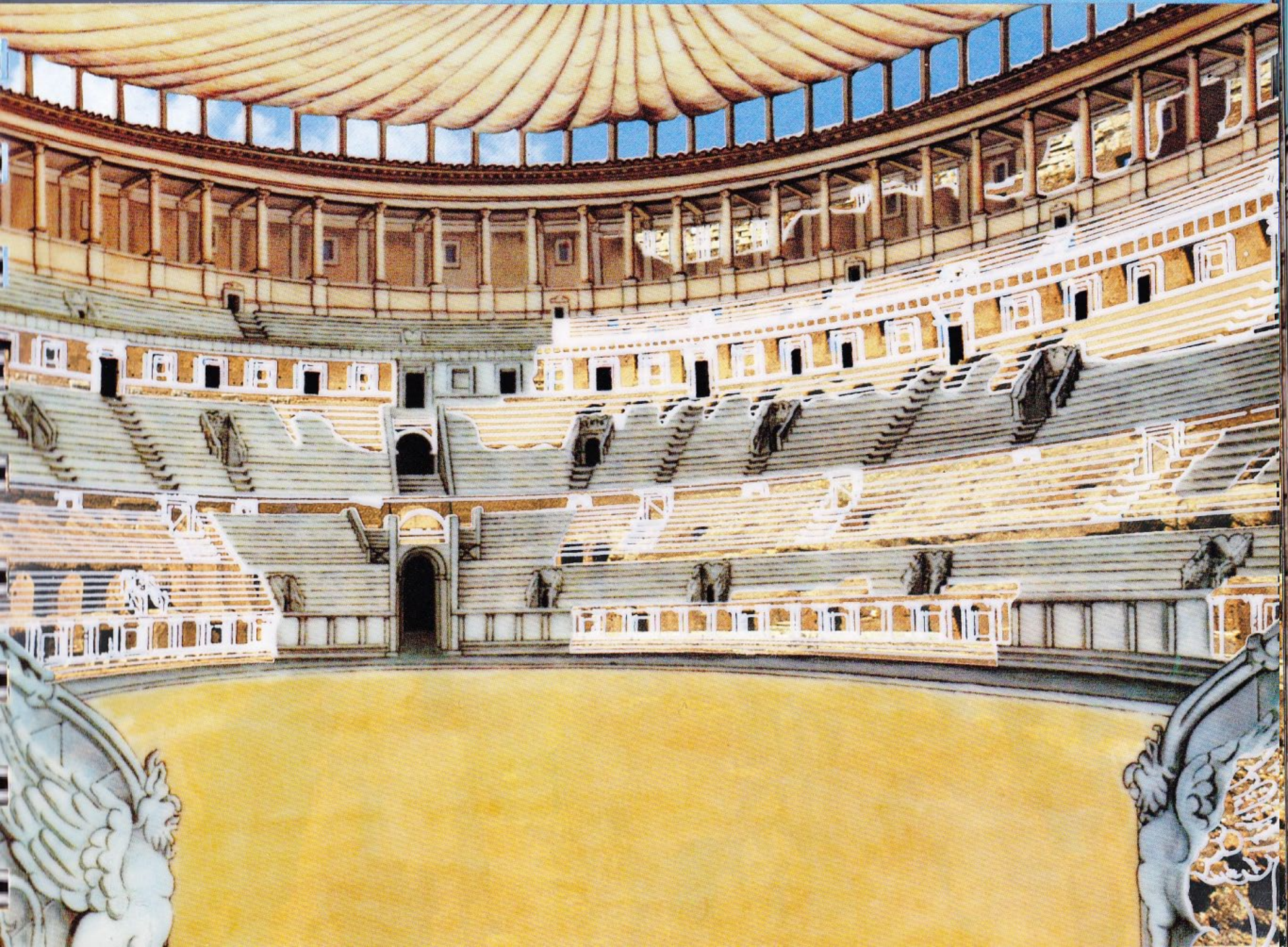


Nero 54-68 AD

- The Mad Emperor

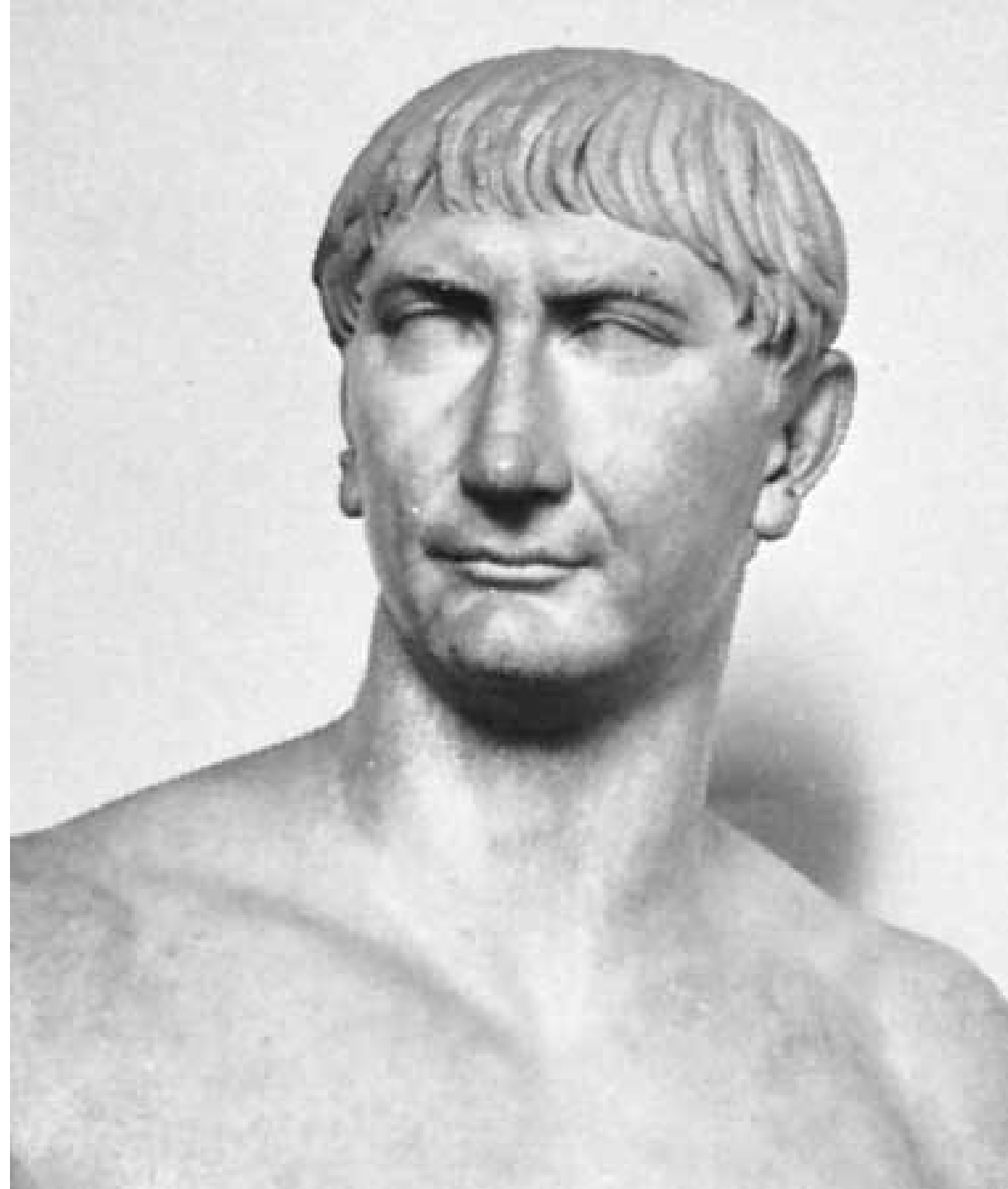






Trajan 98-117

- Leader
- Conquered
 - Dacia/Romania
 - Jordan
- Used new wealth
 - Build infrastructure
 - New port @ Ostia
 - Helped poor



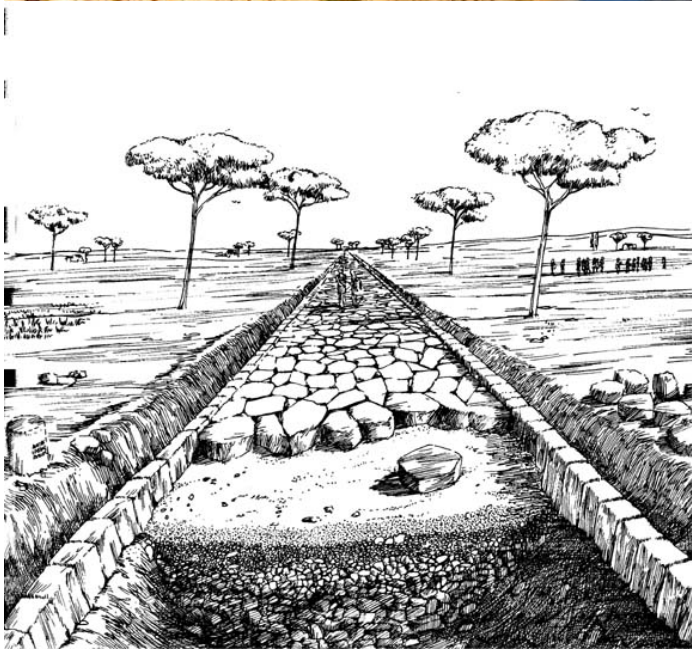
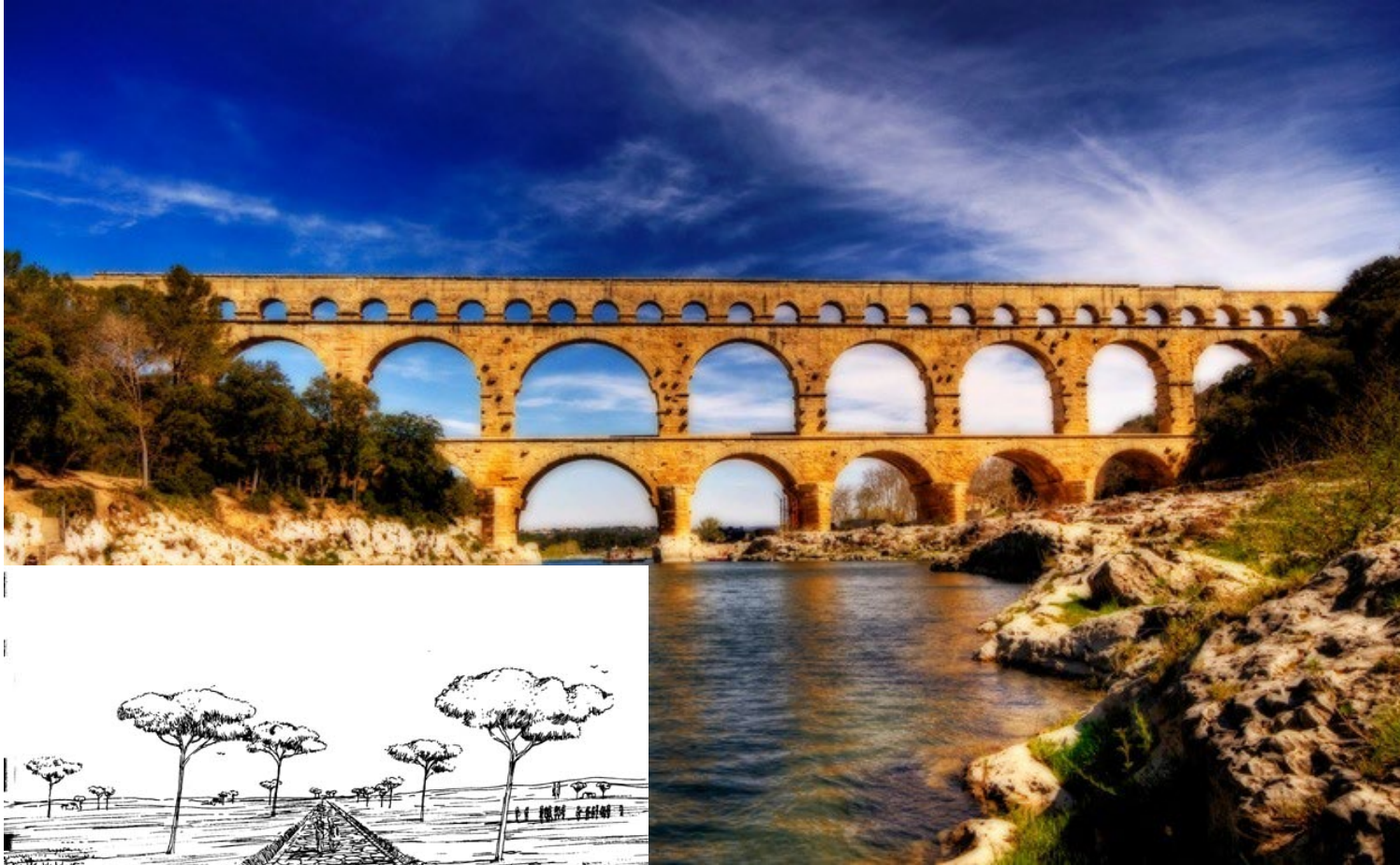


Hadrian 117-138 AD

- Greatest Peace Time Emperor
- Wall (76 miles long, 20 ft high, 15K troops)
- Rebuilt the Pantheon
- Pedophile
- Castel St. Angelo



Roman Engineering and Military



Domes

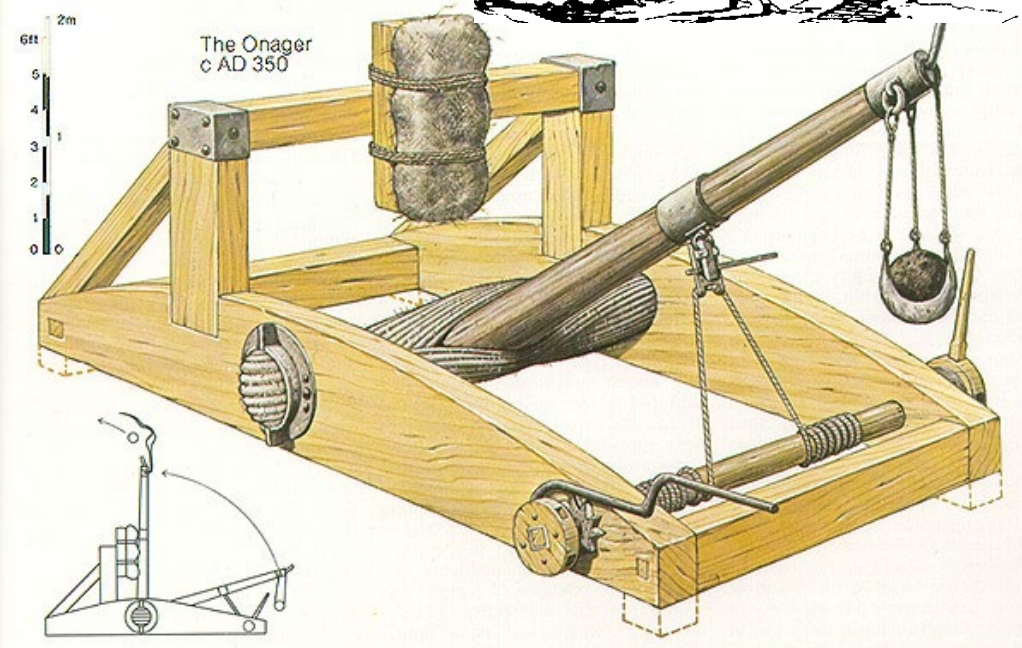
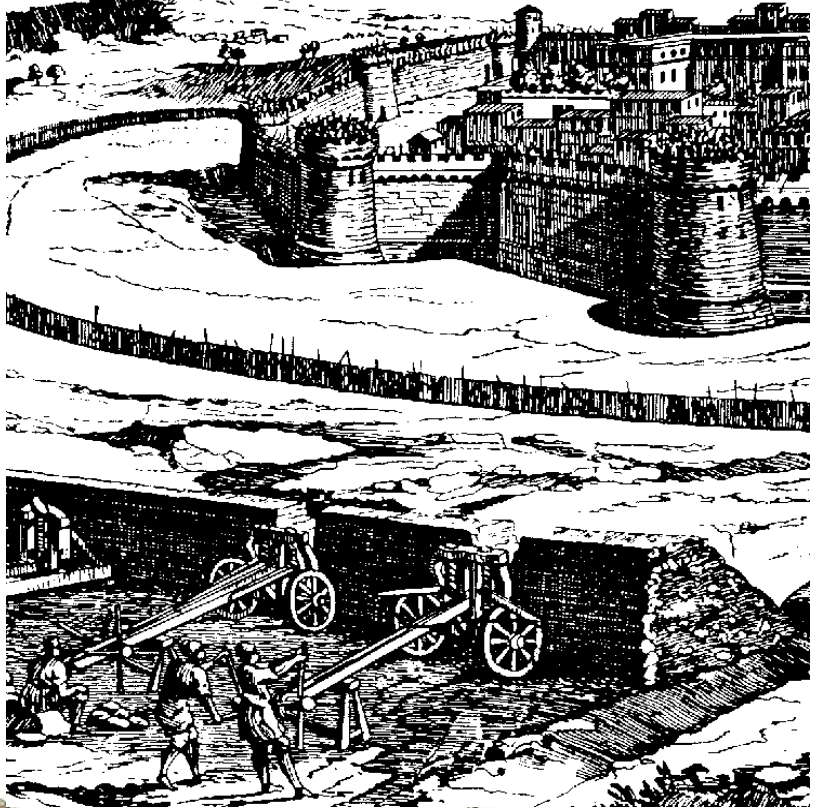




Siege Warfare



Ballista



Onager

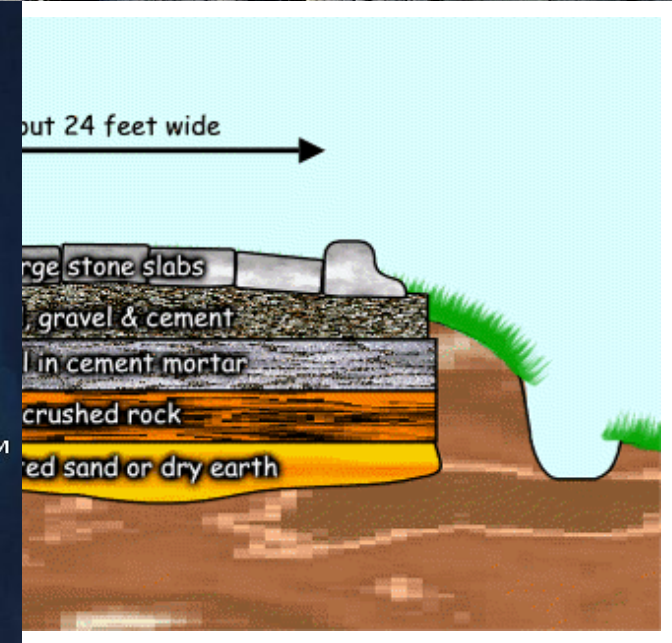
Concrete

- Rubble/stone/sand/clay
- Crushed/Burnt Limestone
- Pozzolana
- Water

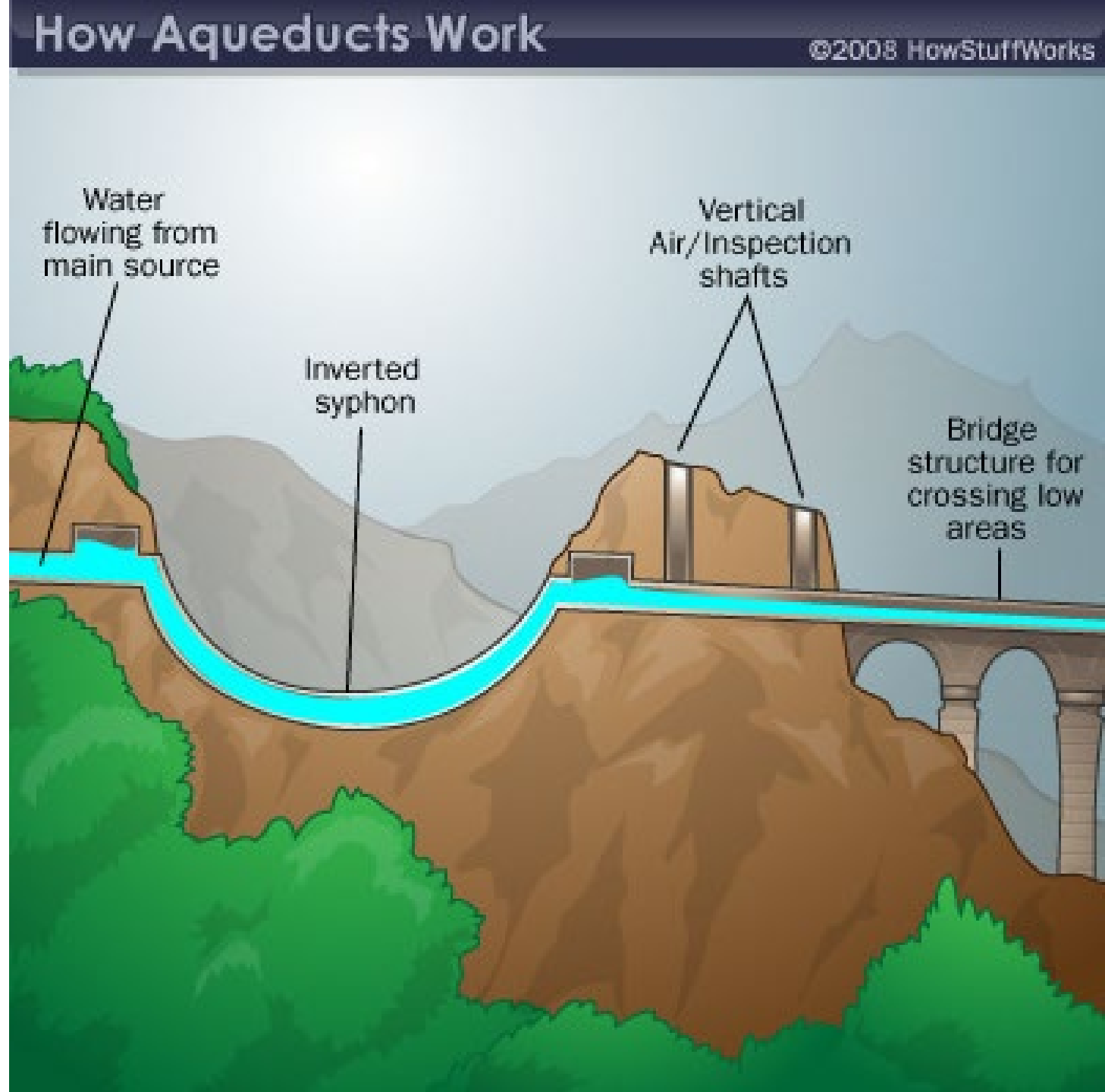


Roads

- By 200 AD, 53,000 miles of road!

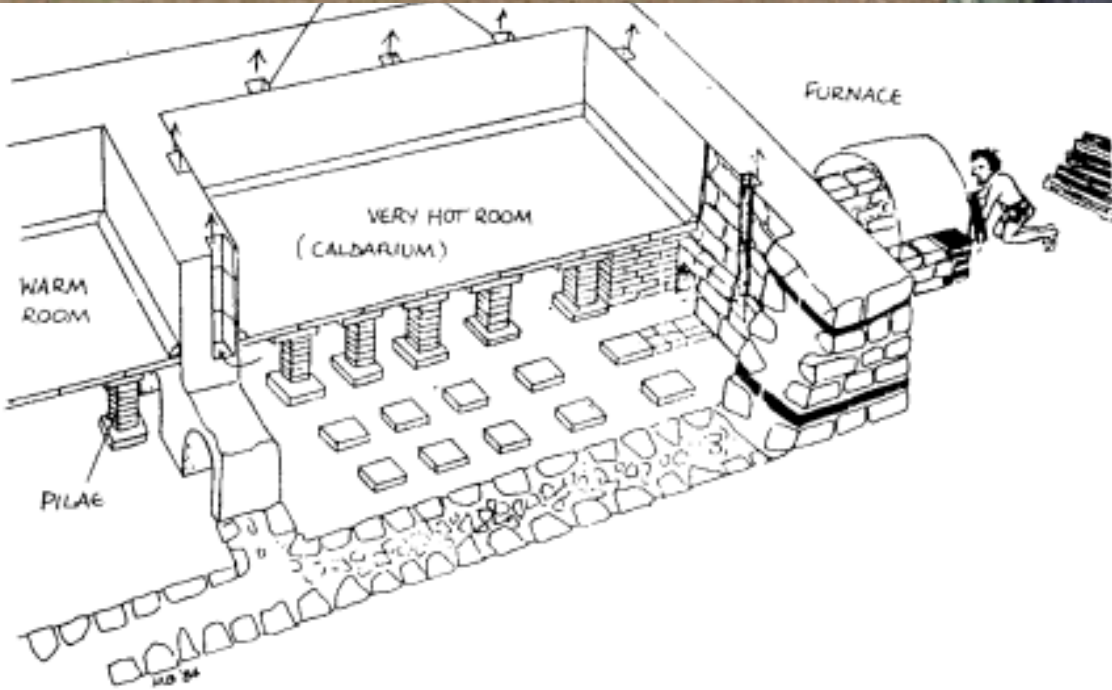


- 1st aqueduct, 300 BC, was 11 miles long
- By 300 AD, Rome was supplied by eleven aqueducts, totaling more than 250 miles in length!





Baths



Cloaca
Maxima





xylospongium

Mouthwash



Nero and Taxes