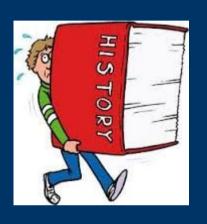


#### Studying history



In order to analyze history experts use two kind of sources:

- Primary source: a document or physical object which was written or created during the time under study.
- Secondary source: something that interprets and analyzes primary sources. These sources are one or more steps removed from the event.

Augustus (Octavian), the first Roman Emperor of the Principate Era



# Julio-Claudian dynasty

#### Chronology

Augustus 27 BC – 14 AD

• Tiberius 14–37 AD

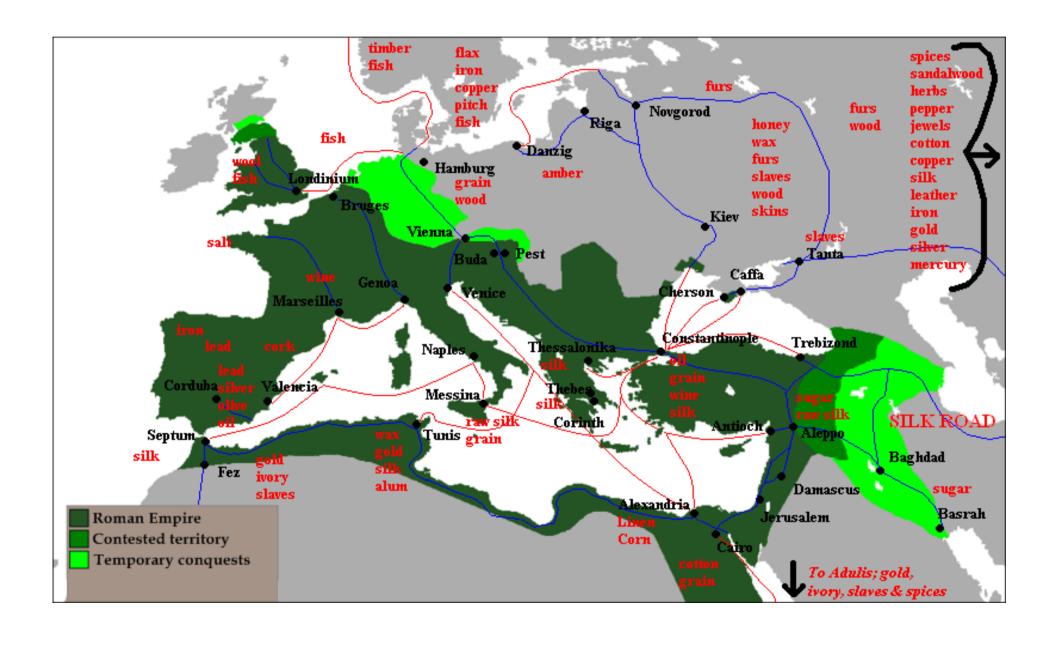
Caligula 37–41 AD

Claudius 41–54 AD

Nero 54–68 AD

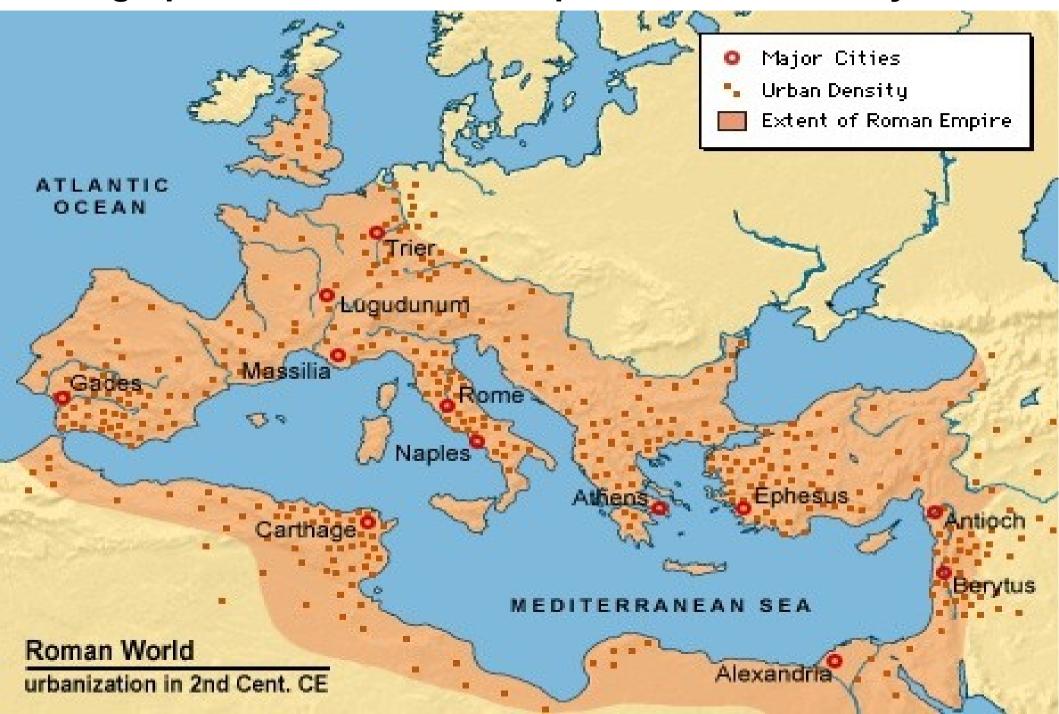


#### Roman trade



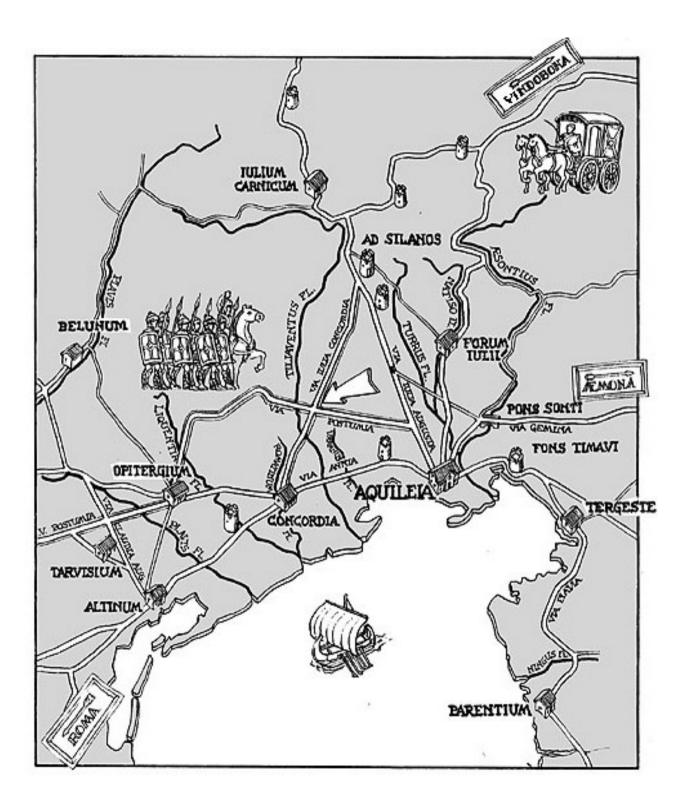


#### Demographic situation of the empire in the 2<sup>nd</sup> century a. C.



Roman roads and towns in Spain and Portugal





Roman roads in the area of the actual Veneto - Friuli

# The borders (Hadrian's Wall)



# Hadrian's Wall

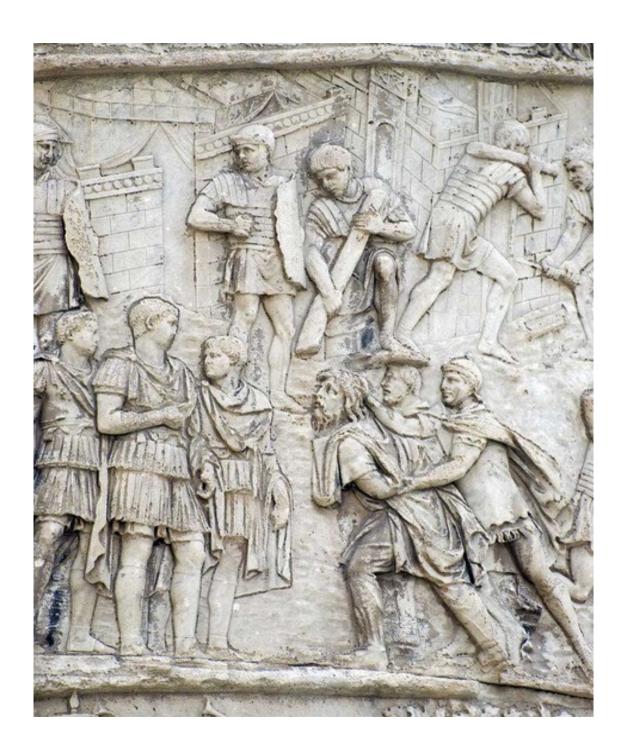


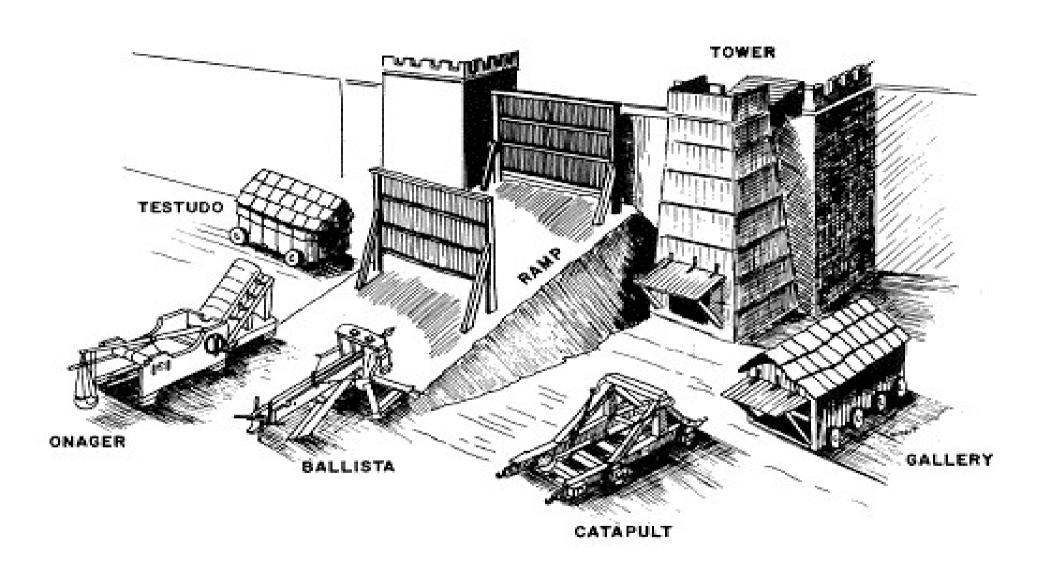


# Trajan's Column

# Trajan's Column images







ROMAN SIEGECRAFT AND WORKS



# Testudo



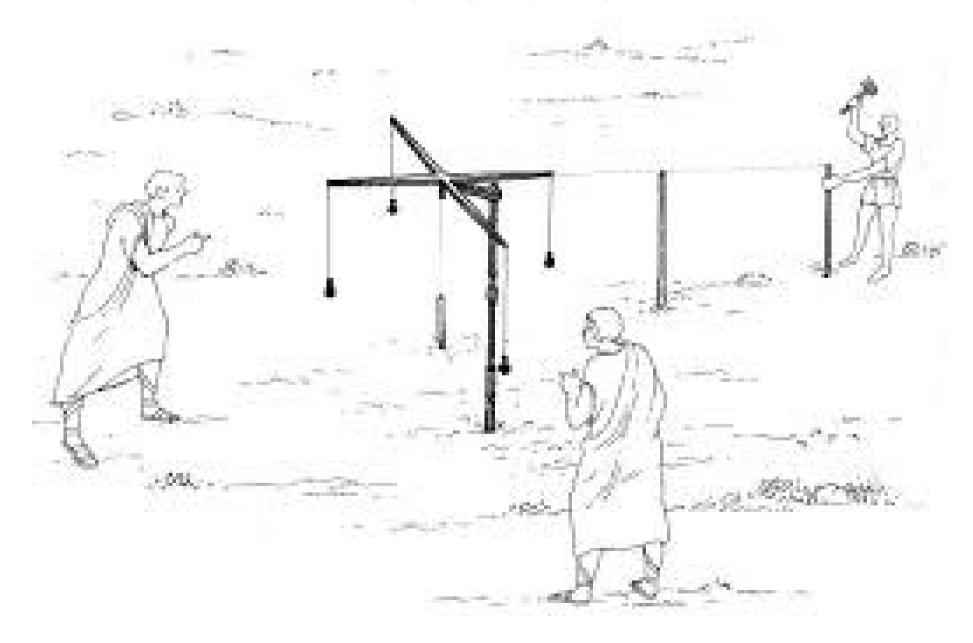
# Gladius (4th century BC– 3rd century AD)



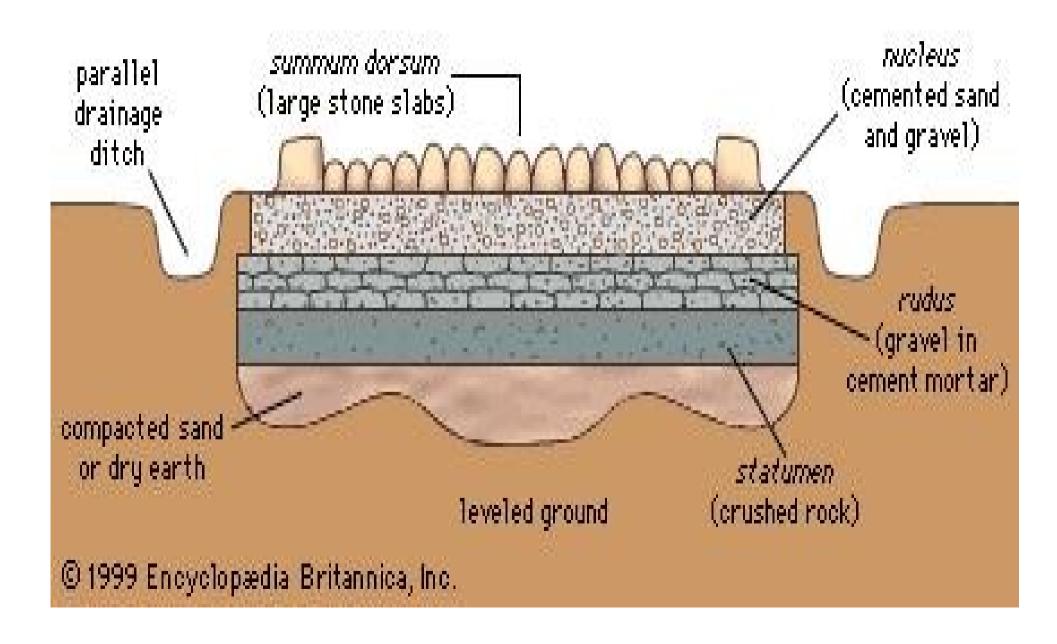
# Check carefully

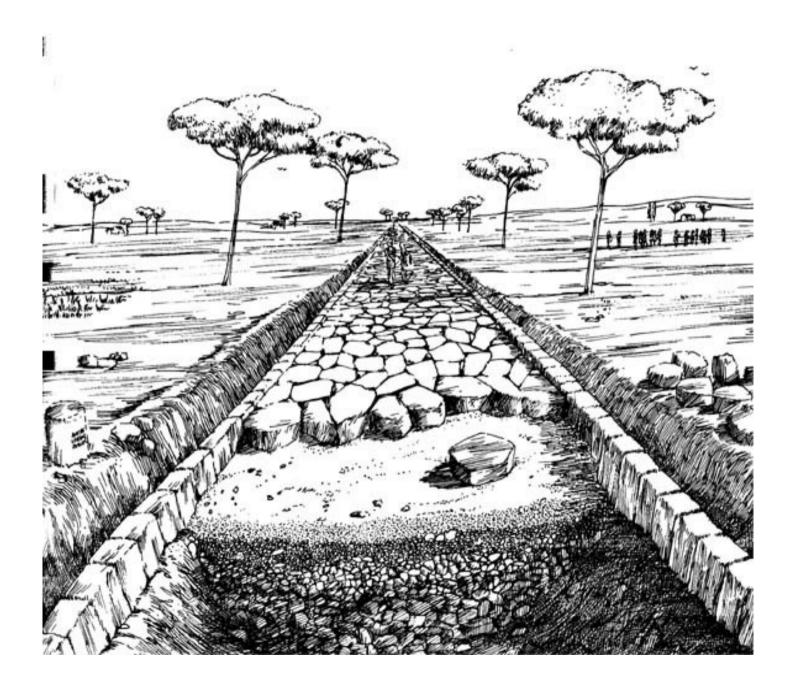
- Groma
- Broad trench was dug and filled in with sand and boulders to form a solid foundation
- Next with a layer of gravel compacting with clay and mortar
- A layer of thick paving stones

# The Groma



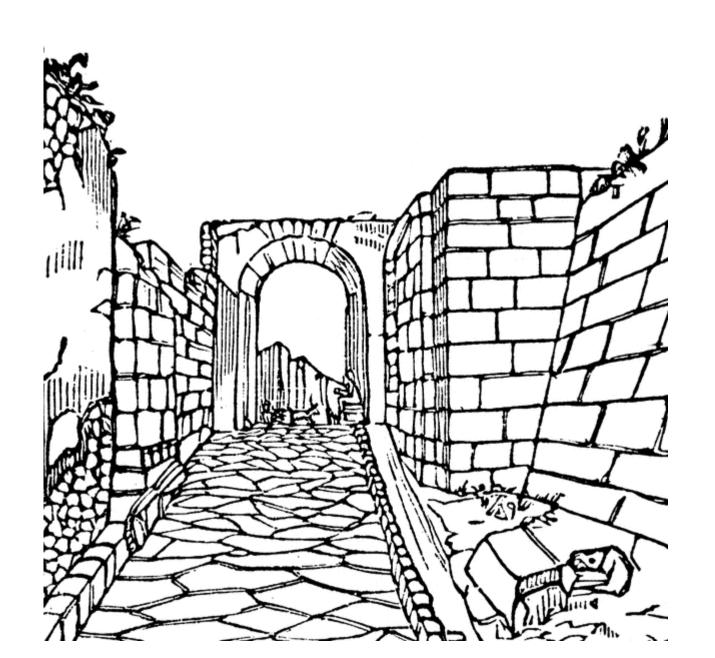
#### Roman roads





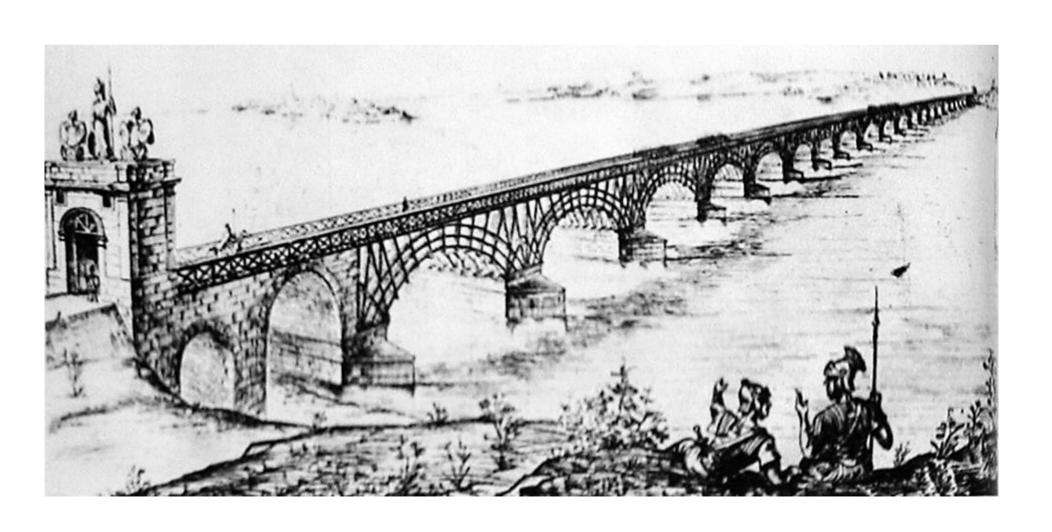


## Roman towns

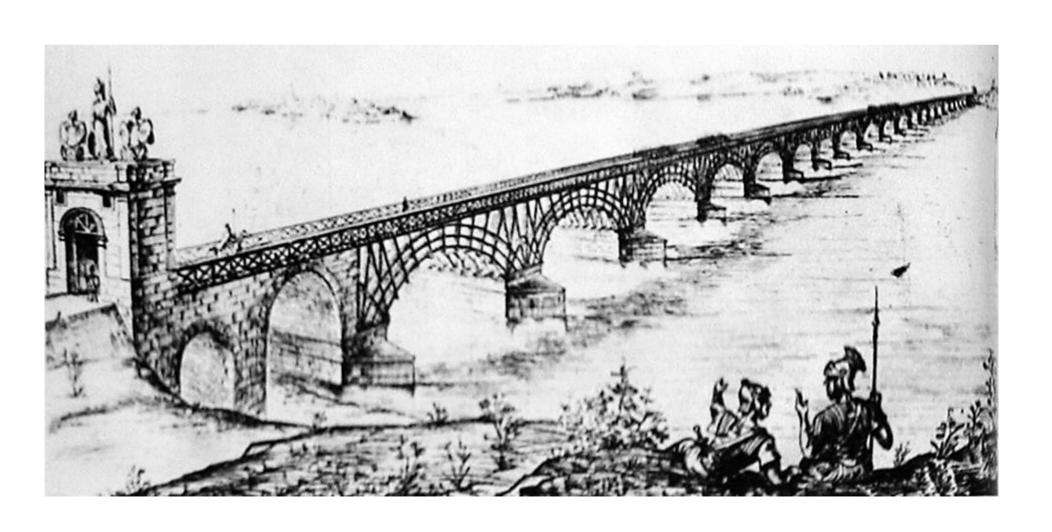




# Roman bridges

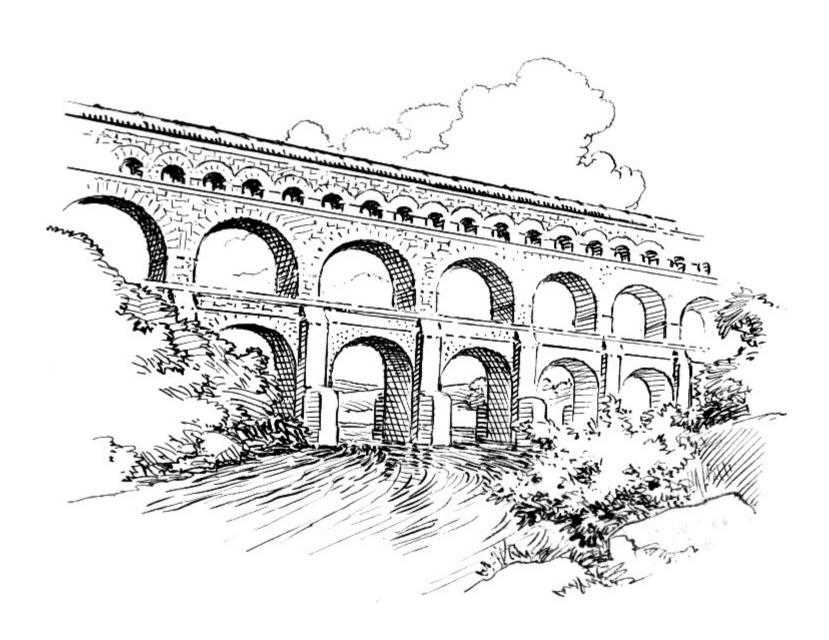


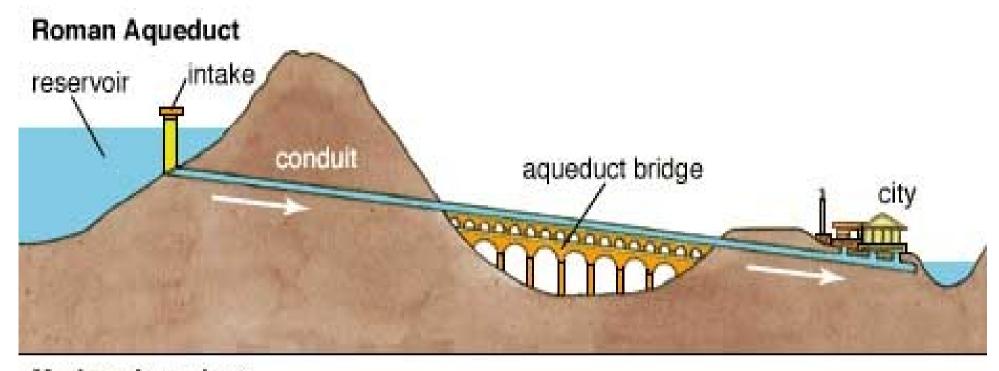
# Roman bridges

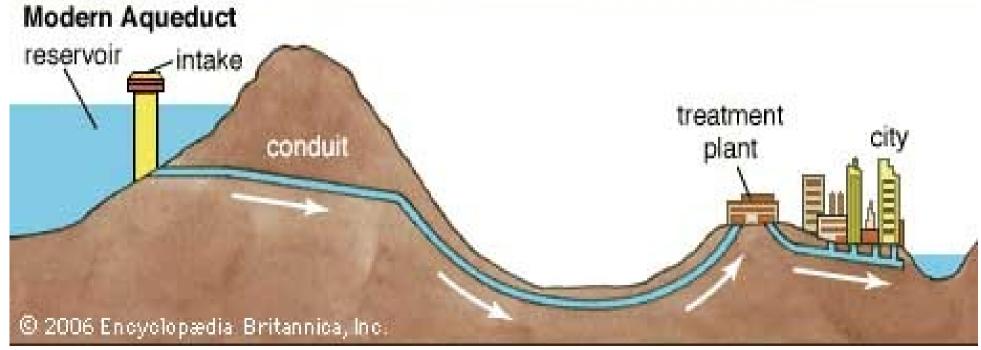




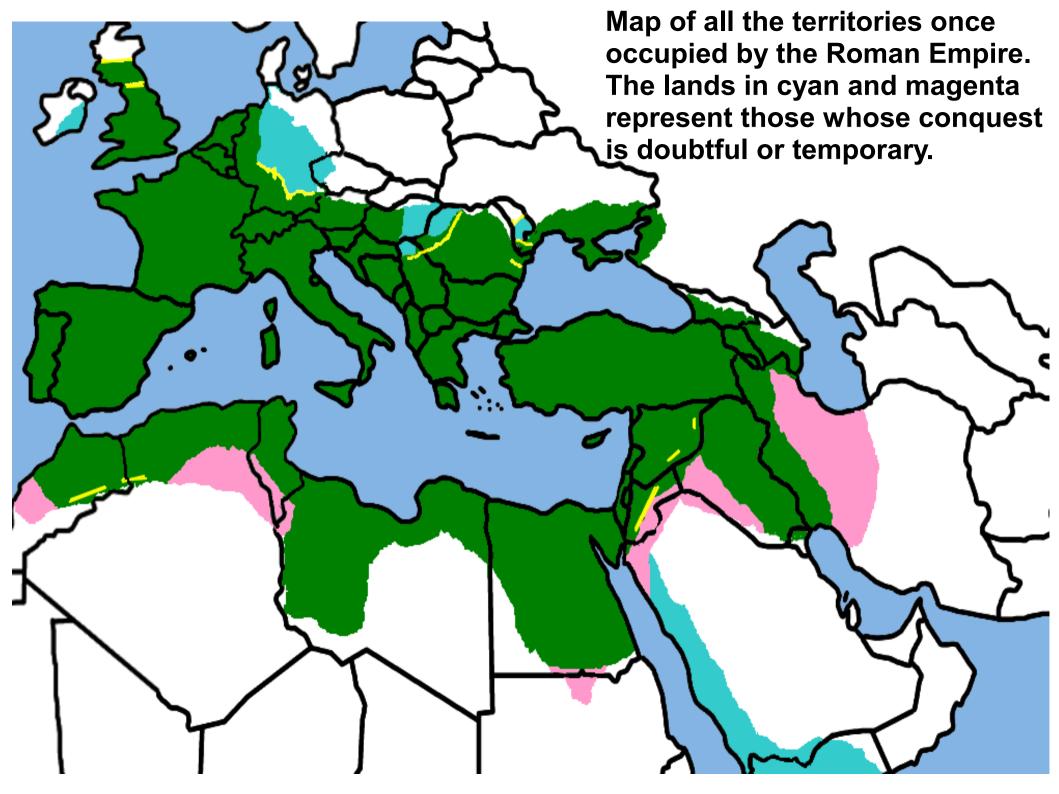
# Roman aqueducts

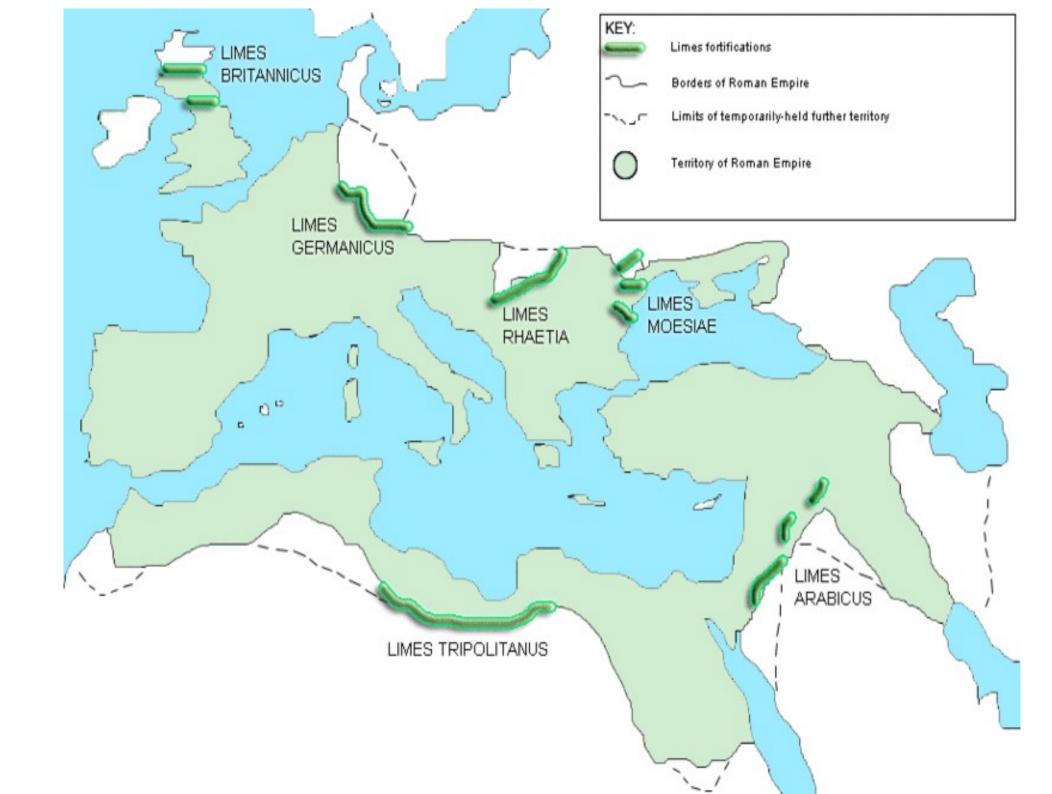




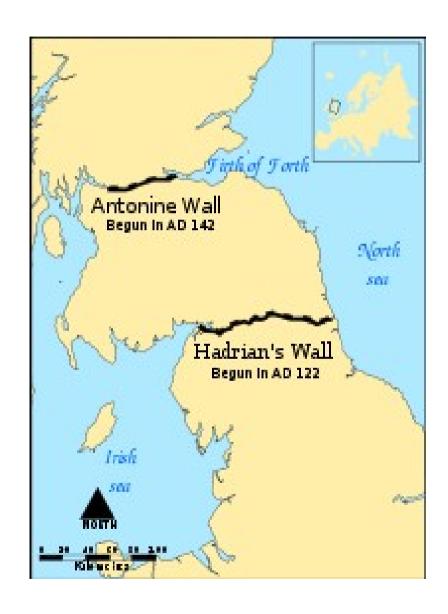








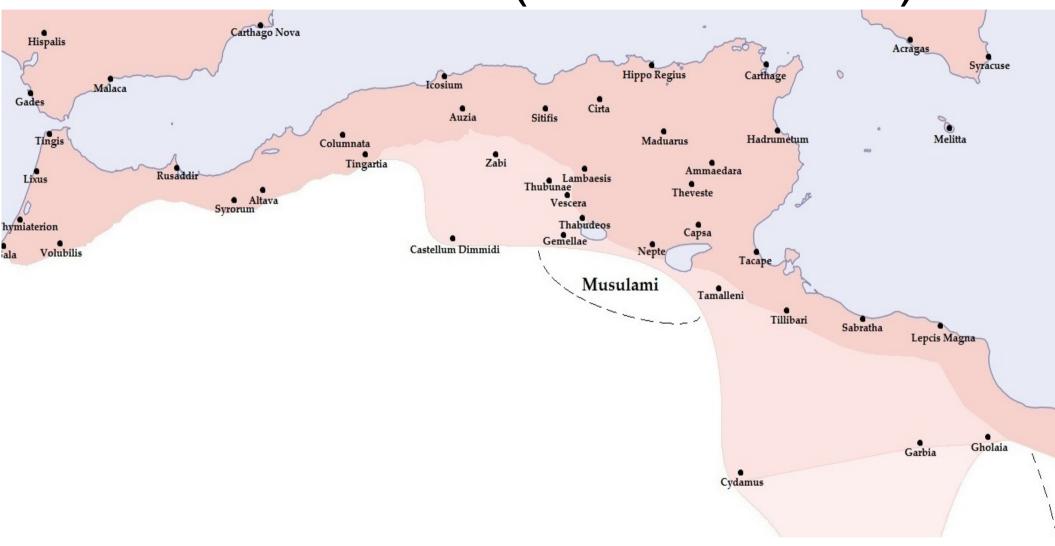
### Hadrian and Antoninus Pius built defences to protect the province of Britannia from the Caledonians and Pictis.



The Emperor, who was tired of having to maintain expensive garrisons in Britain to keep out Pictish marauders from what is now known as Scotland, commissioned this wall to be built at one of the narrowest portions of the isle of Great Britain in 122.



# South borders(in North Africa)





## Borders in lower Germany



A section of the frontier: the ditch and palisade backed by watch towers every few hundred yards were not intended as a physical barrier, but as a tripwire: slowing down invaders and allowing the border guards time to call in mobile reinforcements That's a pile of logs and tinder at left: a signal beacon. The most important job of the frontier forts was providing early warning for mobile forces behind the border.



# What about Eastern Europe?



Valul lui Traian, Trajan's limes in Dobrogea, present day Romania

#### Danube River



# Map of Limes in Austria, Slovakia, Hungary, Croatia and Serbia (Pannonia/system of fortifications)

