1. As an ambitious young general, he had recognized the road to glory in Rome began on \_\_\_\_\_ far from it?

Battlefields

2. Julius Caesar led 8 Roman legions north through \_\_\_\_\_\_.

Gaul – (France, Belgium, Switzerland)



3. How does Caesar and his engineers plan to cross the Rhine River?

He built a bridge across the river so they could "March" across.

4. How many days did it take to construct the Rhine bridge?

10 Days!

5. What happened when the Germans saw the Romans legions crossing the Rhine River?

They Fled to higher ground

6. What did Caesar do after he crossed back over his bridge?

He disassembled it.



7. How old was Caesar when he was crowned dictator for life?

55 years old

8. What happened to the brothers in the story of Romulus & Remus?

Abandoned in the woods and raised by a she wolf.

Romulus killed Remus after a dispute over the building of their city.

9. What did the Cloaca Maxima, the city's first engineering achievement, served as?

Extensive sewer system. Parts are still in use today

10. In 312 B.C. the via appia, Rome's first national highway was how many miles

long?

132 miles

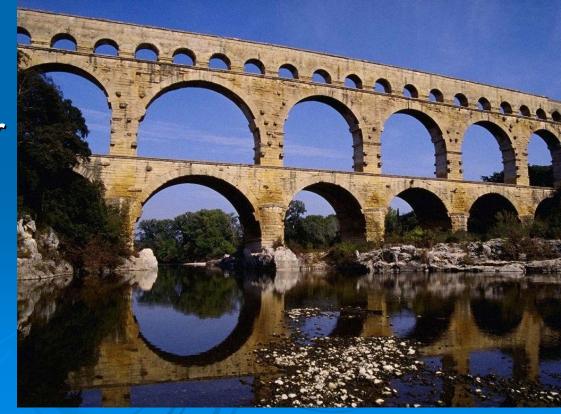


11. What was Rome's engineer's secret weapon that enabled them to build bigger, stronger, and faster, than anyone else?

Water proof concrete

12. Of all the achievements of Rome's engineers, what was the most life altering?

Running water



13. In the capital city, how many aqueduct lines were there? How many gallons of water did they supply to the city each day?

11 aqueduct lines

200 million gallons a day

14. On the frontier, his legions conquered \_\_\_\_\_, something even Julius Caesar failed to do.

Britannia

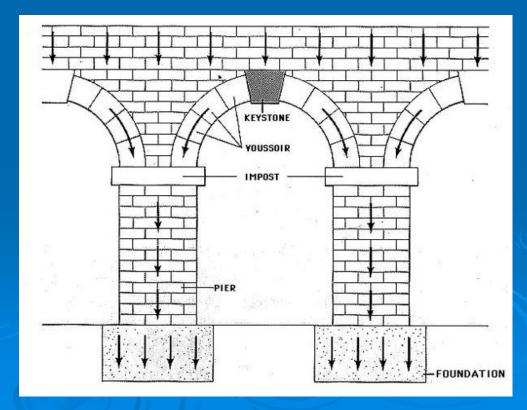
15. If the aqueduct walls needed to be higher than 6 ½ feet off the ground, the Romans saved building materials while still adding strength by perfecting this ancient engineering concept?

The Arch

16. What is the name of the last stone placed in the arch that evenly distributes

the weight?

**Key Stone** 



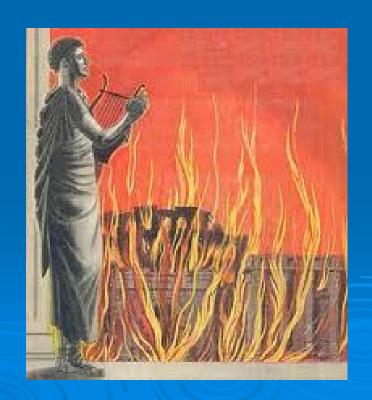
17. Who did Claudius marry that sent shockwaves through the empire? What did she convince Claudius to do?

He married his own niece - Agrapina

Make her son Nero, his heir, instead of his own son

18. Who was number one on the list of arson suspects that started the fire of 64 A.D.?

Nero himself



19. Who did Nero blame for the fire?

A new religious group...
The Christians

20. What was the fate of Agrapina?

Nero had her murdered

21. What was the engineering innovation that is buried beneath Rome in Nero's Domus Aurea?

The vaulted ceiling



22. What artists drew inspiration from the Domus Aurea when it was rediscovered? What did they call the art form that they found?

Renaissance artists Grotesque

23. Vespasian drained the massive lake that Nero built and constructed this famous Roman structure on the same site.

The Coliseum

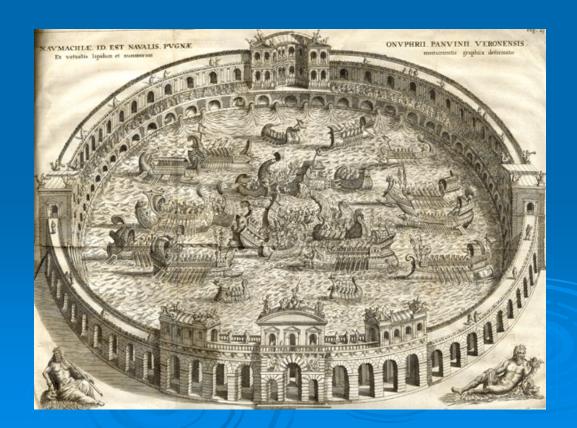


24. How tall did this imposing structure grow to in just 8 years?

160 feet tall

25. Was it possible to flood the Coliseum for naval battle?

Yes!



26. What was the purpose of the Hypogeum?

Staging area for the arena

Enabled animals and gladiators to pop up out of the floor using elevators and trap doors.

27. What are two improvements under Trajan's building campaign?

He make repairs to roads, harbors, public buildings

He had one of the last great aqueducts built and new public baths

28. What province did Trajan conquer in order to acquire the money needed for his expansive building campaign?

Dacia



29. What story does the Trajan Forum's centerpiece column tell?

His invasion of Dacia



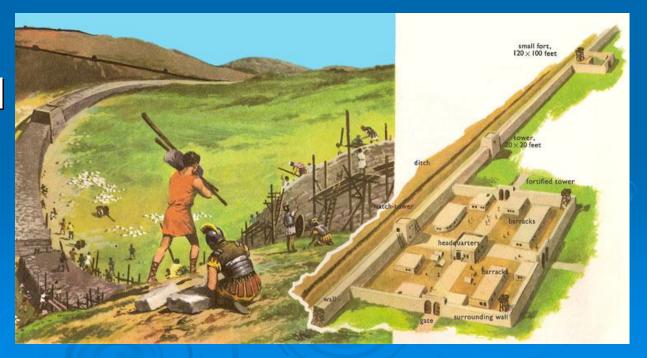
30. Hadrian's wall was 73 miles wide and \_\_\_\_ feet high.

15 feet high

PLUS 6 foot high parapets above that

31. Hadrian's wall was as much of a \_\_\_\_\_ barrier as a physical barrier.

Psychological



32. How many years did it take to build Hadrian's wall?

5 years



33. What was Hadrian's most famous structure?

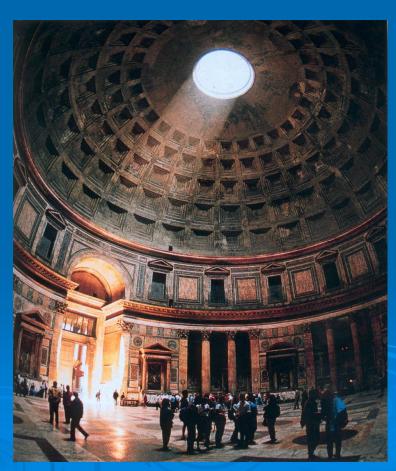
The Pantheon



34. What was at the heart of the structure's

design?

The Rotunda



35. The pantheon's dome would remain the largest unsupported concrete span in the world for \_\_\_\_ centuries.

18 centuries (1800 years)

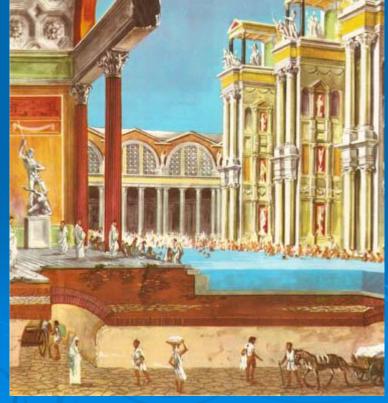
36. What is the one mysterious flaw of the Pantheon?

The front portico where the columns are is ten feet too short

The height of the columns (40 feet instead of 50 feet) may have been an issue

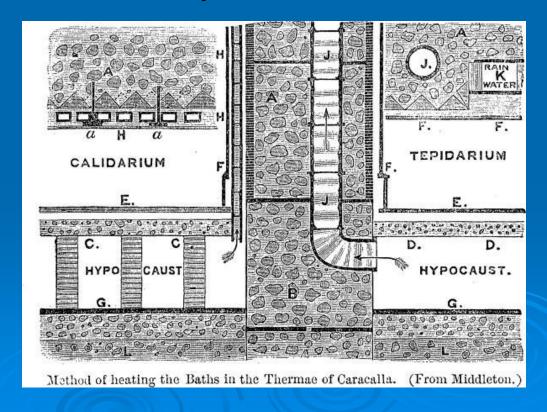
37. How many people could Caracalla's massive bath complex accommodate at any one time?

Nearly 2000 Romans at one time



# 38. How many furnaces supported Caracalla's bath complex?

50 furnaces



39. What Roman structure was gutted by a devastating fire in 217 A.D.?

The Coliseum