

Name: _____

Date: _____

Engineering An Empire: Rome Viewing Guide

Julius Caesar

1. As an ambitious you young general, he had recognized the road to glory in Rome began on _____ far from it?
2. Julius Caesar led 8 Roman legions north through _____.
3. How does Caesar and his engineers plan to cross the Rhine River?
4. How many days did it take to construct the Rhine bridge? _____
5. What happened when the Germans saw the Romans legions crossing the Rhine River?
6. What did Caesar do after he crossed back over his bridge?
7. How old was Caesar when he was crowned dictator for life? _____
8. What happened to the brothers in the story of Romulus & Remus?
9. What did the Cloaca Maxima, the city's first engineering achievement, served as?
10. In 312 B.C. the via appia, Rome's first national highway was how many miles long? _____

Augustus

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

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

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

Claudius

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

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?

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

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

Nero

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

19.Who did Nero blame for the fire?

20.What was the fate of Agrippina?

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

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

Vespasian

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

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

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

26.What was the purpose of the Hypogeum?

Trajan

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

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

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

Hadrian

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

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

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

33.What was Hadrian's most famous structure?

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

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

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

Caracalla

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

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

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