

Bridge film test

Name _____

Date ___/___/_____

Period_____ Seat number_____

Answer the following questions from the film on bridges.

1. What was the nickname of the Tacoma Narrows bridge. _____
2. What was the first bridges provided by nature _____, _____, & _____
3. In America during the 18 hundreds _____ bridges were common. The roof protected the roadbed from nature but not from _____.
4. With the coming of the railroad, stronger bridges were needed so they were built of _____. But this had a tendency to _____.
5. Iron bridges were replaced with _____, stronger than iron and some bridges are still standing today.
6. In the early 19 hundred another type of bridge building material was introduced . This is _____ .
7. Three basic designs of bridges are: 1> _____, 2> _____ 3> _____
8. Beam bridges uses triangles to make them stronger. These bridges are called _____ bridges.
9. The support of a beam bridge that touches the ground is called a _____.
10. If the pier is braced with a trestle then it is called a _____ bridge.
11. A type of beam bridge that starts at a pier and proceeds outwards in both direction is called a _____ bridge.
12. Another basic type of bridge that is very strong and can hold great loads is called an _____ bridge.
13. The _____ is set at the top of each arch in an Arch bridge.
14. The third basic bridge design is the _____ bridge.
15. They are used to span _____ distances.
16. Another basic bridge design is the _____ bridge.
17. What is the name of a bridge that was once built to span the Thames river in London, England and now spans the Colorado River? Ans. _____ bridge.
18. A type of moving bridge is the _____ .
19. A bridge must be built high enough for boat traffic or made to _____ the roadbed out of the way.
20. What are bridges supposed to do _____

