

Name _____

Bridge 1: Verazanno Bridge

Where does it connect?

What type of bridge is it?

Where did the name come from?

When was it built?

Bridge 2: Brooklyn Bridge

Where does it connect?

Who designed it?

When was it built?

3. What are the following bridges known for?

Millau Viaduct

Goltzsch Valley Bridge

Heartland Covered Bridge

Golden Gate Bridge

Caravan Bridge

Sydney Harbour

George Washington

4. Who is John Roebling?

5. Why is Robert Moses famous?

6. List five different types of bridges.

7. Explain the seven Resources for Technology.

8. Why are triangles so strong?

9. How do you strengthen a square in order to prevent racking?

10. Define the following:

A. Modeling

B. Super-Structure

C. Roadway

D. Compression

E. Tension

F. Truss

G. Racking

H. Span

I. Live Load

J. Dead Load

11. Draw the following:

A. Truss Bridge

B. Suspension Bridge

C. Arch Bridge

D. Beam Bridge