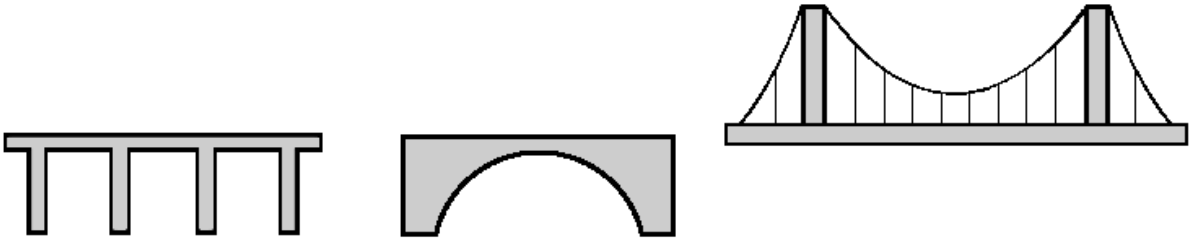
mystery science

Name: _____
Date: _____

What makes bridges so strong?

Lesson Assessment

1. Here are pictures of different bridge designs. Draw arrows to show where the bridge is being supported:



2. Why are pillar and arch bridges stronger than a simple board bridge?

_____

_____

_____

_____

_____

3. Why was the suspension bridge a good design for connecting San Francisco and Sausalito?

_____

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_____

4. When your paper bridge failed, what did you learn? What did you do differently the next time to make your bridge stronger?

_____

_____

_____

_____