

# WHICH BRIDGE???

Name \_\_\_\_\_

Date \_\_\_\_\_



Bridge Type	Drawing	Strengths/Weaknesses
Arch		Strengths:  Weaknesses:
Beam		Strengths:  Weaknesses:
Suspension		Strengths:  Weaknesses:
Cable-Stayed		Strengths:  Weaknesses:



Now play the bridge game. Which bridge would best fit in each location?

Location	Best Bridge Type
A 5,000-foot span across the ocean bay.	
A 120-foot spa across a freeway.	
A 1,000-foot span across a river busy with barge traffic.	
A 700-foot span across a deep canyon gorge.	

