

# Building Bridges

## *Testing & Analysis*

Answer the following questions in as much detail as possible. Questions are worth 10 points each toward a test grade.

1. Sketch a side view of your final bridge design as constructed.
2. How would you describe the bridge you have designed and constructed for this project? (i.e. arch, truss, suspension, etc.)
3. Because you were not able to use glue in the construction of your bridge, your group needed to devise some sort of system or systems to fasten different materials together. Describe and sketch in detail the method or methods your group used to fasten materials together.



7. Was your bridge successful in holding the static load of the brick at three different points? Why or why not?
  
  
  
  
  
  
  
  
  
  
8. Was your bridge successful in holding the dynamic load of the brick riding across on wheels? Why or why not?
  
  
  
  
  
  
  
  
  
  
9. What could your group have done better during this project?
  
  
  
  
  
  
  
  
  
  
10. How would you suggest this project could be improved for future classes? Honest criticism is appreciated.