

Name: \_\_\_\_\_

Date: \_\_\_\_\_

## Lab 2F: The Titanic Shuffle Response Sheet

Directions: Record your responses to the lab questions in the spaces provided.

### The Titanic

- Based on the plot, do you believe richer passengers were more likely to survive? Explain why and describe how certain you are of being correct.

### The search begins!

- What was the *typical* fare paid by survivors? Non-survivors? How much more did the typical survivor pay?

### Put your simulations to use

- By using your shuffled data, answer the research question we posed at the beginning of the lab.
  
- Write up your answer as a statistical analysis. Create a plot and explain how the plot supports your conclusion. Be sure to also explain why shuffling your data is important.