

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

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

### LAB 3A: The results are in! *Response Sheet*

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

#### Conducting experiments

##### Coming up with questions

(1) Write down two statistical investigative questions that will help you answer the *research question* from the previous slide.

#### Analyzing our data

(2) Write down a few sentences interpreting your plots and summaries.

#### Wrapping it up

(3) Write and run code using repeated shuffling to determine how likely the typical difference between the two groups occurred by chance alone.

(4) Create a plot and use it to justify your answer.

(5) Write a report using the plots and analysis you conducted to answer the *research question*.