Name:_____ Date:_____

Lab 1D: Zooming Through Data
Response Sheet

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

Splitting data sets

- Use the `dotPlot()` function to create a `dotPlot` of the amount of `sugar` in our `food` data.

- Split the `dotPlot` in two by faceting on our observations' salty/sweet variable.

- Describe how R decides which observations go into the left or right plot.

- What does each *dot* in the plot represent?

The filter function

- View `food_salty` and write down the number of observations in it. Then use the subset data to make a `dotPlot` of the `sodium` in our `Salty` snacks.

More on ==

- What do the values `TRUE` and `FALSE` tell us about how our *rule* applies to the first six snacks in our data? Which of the first six observations were `Salty`?

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Lab 1D: Zooming Through Data
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Put it all together

- Use an appropriate `dotPlot` to answer each of the following questions:

- About how much fat does the typical sweet snack have?

- How does the typical amount of fat compare when `healthy_level < 3` versus when `healthy_level > 3`?