

Name \_\_\_\_\_

Date \_\_\_\_\_

## LAB 1G: What's the FREQ? *Response Sheet*

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

**Clean it up!**

**How do we summarize categorical variables?**

**Frequency tables?**

- **Fill in the blanks below to answer the following: How many more *females* than *males* are there in our ATU data?**

**2-way Frequency Tables**

- **Write down the resulting table.**

**Interpreting 2-way frequency tables**

- **Does one gender seem to have a higher occurrence of physical challenges than the other? If so, which one and explain your reasoning.**

**Conditional Relative Frequencies**

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**LAB 1G: What's the FREQ?**  
*Response Sheet*

**Conditional Relative Frequencies, continued**

- **Add the option format = "percent" to the first tally function. How were the percents calculated? Interpret what they mean.**

**On your own**

- **Describe what happens if you create a 2-way frequency table with a numerical variable and a categorical variable.**
- **How are the types of statistical questions that 2-way frequency tables can answer different than 1-way frequency tables?**
- **Which gender has a higher rate of *part time employment*?**