Week 1: Practical

# Questions

This document includes fields for answering questions for the Week 1 practical. You do not need to turn this in, or even use it. A separate file to keep track of your progress, or a pen and paper, are completely fine.

## Exercise 1: Transferring data to a spreadsheet

Fill in 1 and 3 below with potential causes of error

1. Answer:
2. Answer: Tallies are not counted correctly in the lab notebook
3. Answer:

## Exercise 2: Making spreadsheet data tidy

How many columns did you need to create the new dataset?

Are there any missing data in this dataset?

## Exercise 3: Making data tidy again

No questions were asked.

## Exercise 4: Tidy data and spreadsheet calculations

What columns should this new dataset include? Write your answer below.

How many rows are needed?

What formula will you type into your empty spreadsheet cell to calculate Vthorax? Keep in mind the order of operations indicated in the equation above.

What are some reasons that we might want to be cautious about our calculated wasp volumes? Explain in 2-3 sentences.