

Name: _____

LA Initials:

BIOL 275 Lab 1 R & RStudio Basics

Posit Cloud Setup

- I created a Posit Cloud account
- I opened an RStudio project
- I can see the Console, Script Editor, Environment, and Files panes

RStudio Orientation

1. What is the Console used for?

2. What is an R script, and why is it useful?

3. Which pane shows objects you have created?

4. Which pane shows plots and figures?

Assigning Values in R

7. Write R code that means: "x gets a value of 5."

8. Translate the following R code into a human-readable sentence:

```
y <- 0.2
```

The Console and Command Prompt

5. What does a *clean* command prompt look like in the R console?

6. Suppose you type the following into the console and press Enter (note the missing closing parenthesis).

```
sqrt(9
```

a. What does the console prompt change to after running that code?

b. What does this prompt mean? (1 short sentence)

c. Describe *two different ways* to get back to a clean command prompt.

Packages

I installed at least one R package.

I loaded that package using `library()`