

WU #1 - Pipes

Math 158 - Jo Hardin

in class: Tuesday 1/18/2022, due: Wednesday 1/19/2022

Name: _____

Names of people you worked with: _____

Consider the following functions:

```
log(x, base = 10)
round(x, digits = 2)
sqrt(x)
```

Your task is to create a new object that nests the following three functions:

$$f(x) = \sqrt{x}$$

$$g(x) = \log(x, \text{base} = 10)$$

$$h(x) = \text{round}(x, \text{digits} = 2)$$

$$h(g(f(x))) = ?$$

Let `x <- 47`. The task will be completed in two ways:

1. Write the functions out in the way you've always done mathematically, with parentheses (inside out).
2. Write the functions using the pipe (`%>%`) operator so that each function is on a different line (top to bottom).