

# WU #1 - Wrangling

Math 154 - Fall 2017 - Jo Hardin

## Solutions

Name: \_\_\_\_\_

Consider the following R expressions. (You don't need to know the functions to solve the problem.)

```
Princes <- babynames %>% filter(name == "Prince") %>%  
  group_by(year,sex) %>%  
  summarise(yearlyTotal = sum(n))
```

```
Princes %>% ggplot(aes(x=year, y=yearlyTotal)) +  
  geom_point(aes(color=sex)) + geom_vline(xintercept=1978)
```

The expressions above contain several types of names objects as categorized here. Identify the kind of object each of the items in the table is used for; that is, assign one of a. through d. to each name.

- a. function name
- b. data frame name
- c. variable name
- d. name of a "named argument"

Item	Object Type	Item	Object Type
<code>babynames</code>	b	<code>filter</code>	a
<code>name</code>	c	<code>n</code>	c
<code>group_by</code>	a	<code>year</code>	c
<code>sex</code>	c	<code>summarise</code>	a
<code>yearlyTotal</code>	c	<code>sum</code>	a
<code>Princes</code>	b	<code>ggplot</code>	a
<code>aes</code>	a	<code>x</code>	d
<code>y</code>	d	<code>geom_point</code>	a
<code>color</code>	d	<code>geom_vline</code>	a
<code>xintercept</code>	d		