



✓ **Congratulations! You passed!**

TO PASS 80% or higher

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GRADE
100%

Annotations Quiz

TOTAL POINTS 4

1. What is the basic ggplot function for adding text to a plot without drawing a rectangle around the text?

1 / 1 point

- ☒ `geom_text()`
- ☐ `geom_label()`
- ☐ `geom_annotate()`
- ☐ `geom_write()`

✓ **Correct**

Correct!

2. Say you had a dataset named `my_dat` that summarizes the height and weight of a group of people. The first two rows look like this:

1 / 1 point

name	height	weight
Steve	6	170
Amy	5.5	140

You want a scatter plot with the name for each person at the correct x-y coordinate for height and weight.

Which command is correct?

- ☒

```
ggplot(my_dat,aes(x=weight,y=height))+  
  geom_text(aes(label=name))
```
- ☐

```
ggplot(my_dat,aes(x=weight,y=height))+  
  text(aes(label=name))
```
- ☐

```
ggplot(my_dat,aes(x=weight,y=height))+  
  geom_text(aes(text=name))
```
- ☐

```
ggplot(my_dat,aes(x=weight,y=height))+  
  geom_text(aes(name))
```

✓ **Correct**

Correct!

3. If you wanted to plot the points for the figure described in question 2, but move the text label down three units, what is the correct modification?

1 / 1 point

- ☐ Within the `aes()` for `geom_text`, add `nudge(y=-3)`
- ☒ Within the `aes()` for `geom_text`, add `nudge_y=-3`
- ☐ add `+nudge(y=-3)` on a new line.

✓ **Correct**

Correct!

4. What is the value of `geom_text_repel()`?

1 / 1 point

- ☐ `geom_text_repel()` is function within `ggplot2` that helps resolve the problem of overplotting.
- ☒ `geom_text_repel()` uses a spacing algorithm to automatically push text apart from each other. This helps address the problem of overplotting.
- ☐ `geom_text_repel()` will automatically omit overlapping label made using `geom_text()`.

✓ **Correct**

Correct!

