

Name:

Date:

## Quiz #3

There are three code chunks below and two outputs. Match the code chunks to the outputs and identify the distractor.

```
penguins %>%  
  count(species, island) %>%  
  group_by(island) %>%  
  mutate(n = n / sum(n)) %>%  
  ungroup() %>%  
  pivot_wider(names_from = island,  
              values_from = n,  
              values_fill = 0)
```

```
# A tibble: 3 × 4  
  species    Biscoe Dream Torgersen  
  <fct>      <dbl> <dbl>      <dbl>  
1 Adelie    0.262 0.452        1  
2 Chinstrap 0     0.548        0  
3 Gentoo    0.738 0           0
```

```
penguins %>%  
  count(species, island) %>%  
  group_by(species) %>%  
  mutate(n = n / sum(n)) %>%  
  ungroup() %>%  
  pivot_wider(names_from = species,  
              values_from = n,  
              values_fill = 0)
```

```
# A tibble: 3 × 4  
  island    Adelie Chinstrap Gentoo  
  <fct>      <dbl>      <dbl> <dbl>  
1 Biscoe    0.289        0        1  
2 Dream     0.368        1        0  
3 Torgersen 0.342        0        0
```

```
penguins %>%  
  count(species, island) %>%  
  group_by(species, island) %>%  
  mutate(n = n / sum(n)) %>%  
  ungroup() %>%  
  pivot_wider(names_from = island,  
              values_from = n,  
              values_fill = 0)
```