

Module 1, Assignment 2: Answer Key

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1.

```
## [1] "numeric"
```

2.

```
## [1] 9
```

3.

```
## [1] 3.888889
```

```
## -- Attaching packages ----- tidyverse 1.3.2 --
## v ggplot2 3.3.6      v purrr  0.3.4
## v tibble  3.1.8      v dplyr  1.0.9
## v tidyr   1.2.0      v stringr 1.4.0
## v readr   2.1.2      v forcats 0.5.1
## -- Conflicts ----- tidyverse_conflicts() --
## x dplyr::filter() masks stats::filter()
## x dplyr::lag()     masks stats::lag()
## Rows: 69 Columns: 11
## -- Column specification -----
## Delimiter: ","
## chr (5): Team, Swim, Animals, Parka_color, Team_flag
## dbl (5): UniqueID, Cooking_skill, Fishing_skill, Cold_tolerance, Remote_loca...
##
## i Use 'spec()' to retrieve the full column specification for this data.
## i Specify the column types or set 'show_col_types = FALSE' to quiet this message.
```

4.

```
## # A tibble: 10 x 11
##   UniqueID Team   Cooki~1 Fishi~2 Swim Cold_~3 Animals Remot~4 Parka~5 Team_~6
##   <dbl> <chr>   <dbl>   <dbl> <chr>   <dbl> <chr>   <dbl> <chr>   <chr>
## 1      1 1 Unive~ 4      1 Yes     4 Yes     4 Gold   Penguin
## 2      2 2 Unive~ 5      2 Yes     4 Yes     5 Blue    Bear
## 3      3 3 Unive~ 4      2 Yes     4 Yes     3 Green   Penguin
## 4      4 4 Unive~ 1      1 Yes     1 Yes     1 Blue    Seal
## 5      5 5 Unive~ 2      1 Yes     3 Yes     3 White   Sea Sp~
## 6      6 6 Unive~ 5      1 Yes     3 Yes     3 Pink    Penguin
```

```
## 7      7 Unive~      4      1 Yes      2 Yes      3 Blue      Sea Sp~
## 8      8 Unive~      4      2 Yes      2 Yes      4 Blue      Penguin
## 9      9 Unive~      4      2 Yes      2 Yes      5 White      Bear
## 10     10 Unive~      4      5 Yes      5 Yes      5 Blue      Penguin
## # ... with 1 more variable: Distance_mi <dbl>, and abbreviated variable names
## #   1: Cooking_skill, 2: Fishing_skill, 3: Cold_tolerance, 4: Remote_location,
## #   5: Parka_color, 6: Team_flag
## # i Use 'colnames()' to see all variable names
```

5.

```
## # A tibble: 1 x 1
##   Parka_color
##   <chr>
## 1 Blue
```

6.

```
## [1] 3.454545
```

7.

```
## [1] 909
```

```
## [1] 10413
```

8.

```
## # A tibble: 7 x 11
##   UniqueID Team      Cooki~1 Fishi~2 Swim Cold_~3 Animals Remot~4 Parka~5 Team_~6
##   <dbl> <chr>      <dbl> <dbl> <chr> <dbl> <chr>      <dbl> <chr> <chr>
## 1      2 Univer~      5      2 Yes      4 Yes      5 Blue      Bear
## 2      6 Univer~      5      1 Yes      3 Yes      3 Pink      Penguin
## 3     21 Univer~      5      1 Yes      4 Yes      3 Black      Penguin
## 4     26 Univer~      5      1 Yes      3 Yes      3 Black      Penguin
## 5     52 Lewis ~      5      1 Yes      3 Yes      2 Pink      Bear
## 6     67 Lewis ~      5      5 Yes      2 Yes      1 Orange      Penguin
## 7     69 Lewis ~      5      2 I ca~      2 Yes      4 Black      Seal
## # ... with 1 more variable: Distance_mi <dbl>, and abbreviated variable names
## #   1: Cooking_skill, 2: Fishing_skill, 3: Cold_tolerance, 4: Remote_location,
## #   5: Parka_color, 6: Team_flag
## # i Use 'colnames()' to see all variable names
```

9.

```
## [1] "Gold" "Blue" "Green" "White" "Pink" "Purple" "Black" "Orange"
## [1] 8
```

Bonus

```
##
##           Bear           Penguin
##           5             14
## Sea Spider (Pycnogonida - google it)           Seal
##           4             4
```