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: 32 Columns: 11
## -- Column specification --------------------------------------------------------
## Delimiter: ","
## chr (4): swim, good_with_animals, parka_color, flag_mascot
## dbl (7): uniqueID, fishing_skill, cold_tolerance, remote_location, distance_...
##
## 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
##    uniqu~1 fishi~2 swim  cold_~3 good_~4 remot~5 parka~6 flag_~7 dista~8 bedsi~9
##      <dbl>   <dbl> <chr>   <dbl> <chr>     <dbl> <chr>   <chr>     <dbl>   <dbl>
##  1       1       1 I ca~       4 Yes           3 blue    Leopar~    8527       2
##  2       2       4 Yes         1 Yes           3 red     Orca       8277       3
##  3       3       1 Yes         2 Yes           5 white   Empero~    8862       1
##  4       4       3 Yes         2 Yes           3 orange  Leopar~    8563       3
##  5       5       1 No          4 Maybe         2 orange  Leopar~    8290       3
##  6       6       2 I ca~       2 Yes           4 blue    Sea Sp~    8277       2
```

```
##  7       7       2 I ca~       1 Yes           3 orange  Leopar~    8277       4
##  8       8       2 Yes         4 Yes           3 blue    Empero~    8277       2
##  9       9       4 Yes         2 Yes           4 white   Orca       8277       3
## 10      10       2 Yes         3 Yes           2 black   Leopar~    8286       4
## # ... with 1 more variable: cooking_skill <dbl>, and abbreviated variable names
## #   1: uniqueID, 2: fishing_skill, 3: cold_tolerance, 4: good_with_animals,
## #   5: remote_location, 6: parka_color, 7: flag_mascot, 8: distance_mi,
## #   9: bedside_manner
## # i Use ‘colnames()‘ to see all variable names
```

5.

```
## # A tibble: 1 x 1
##   parka_color
##   <chr>
## 1 white
```

6.

```
## [1] 3.0625
```

7.

```
## [1] 8255
```

```
## [1] 15075
```

8.

```
## # A tibble: 2 x 11
##   uniqueID fishi~1 swim  cold_~2 good_~3 remot~4 parka~5 flag_~6 dista~7 bedsi~8
##      <dbl>   <dbl> <chr>   <dbl> <chr>     <dbl> <chr>   <chr>     <dbl>   <dbl>
## 1       13       2 Yes         4 Yes           3 black   Sea Sp~    8276       3
## 2       23       1 Yes         3 Yes           2 blue    Leopar~    8340       3
## # ... with 1 more variable: cooking_skill <dbl>, and abbreviated variable names
## #   1: fishing_skill, 2: cold_tolerance, 3: good_with_animals,
## #   4: remote_location, 5: parka_color, 6: flag_mascot, 7: distance_mi,
## #   8: bedside_manner
## # i Use ‘colnames()‘ to see all variable names
```

9.

```
## [1] "blue"   "red"    "white"  "orange" "black"
```

```
## [1] 5
```

Bonus

```
## mascot
## Emperor Penguin    Leopard Seal            Orca      Sea Spider
##              11               9               8               4
```