

Ruby Review

1. What method will convert a number to a string? Give an example.
2. What method will convert a string to an integer? To a float? Give examples.
3. The formula to convert kilometers to miles is:
`kilometres = miles * 8/5`
Write a **method** that takes miles as input and **returns** the number of kilometres.
4. A grocery store wants to allow customers to buy food online. What are some classes you would need to write this application? What would their attributes be?
5. Write a **method** that takes two inputs and returns the sum of the inputs

6. Change the following if statement into a ternary statement:

```
if mood == "blue"
    return "sad"
else
    return "happy"
```

7. Without using the **index** method, write a **method** that will find the position of the first occurrence of a letter in a string.

Example input: "helicopter", "c"

Expected output: 4

8. Write a conditional statement that prints "Congratulations, you are an aquarius" if birth month is February and birth day is before February 19, and otherwise prints "Sorry, you are not an aquarius". Use two variables to store the two pieces of information (birth_month and birth_day).

```
birth_month = "February"
birth_day = 19

if (birth_month == "February" && birth_day < 19)
    puts "You are Aquarius"
else
    puts "You are not"
```

9. Without using the **reverse** method, write **your own method** that will reverse the characters in a string input.

```
def reverse_string (string)
    string_array = string.chars

    return reverse_string
end
```