Inequalities—Launch

What would each of the following expressions evaluate to? Write your guesses in the space provided, and then take turns typing them into the computer.

1) `1 + 4` will be ___5___	2) `0 > 5` will be ___true___
3) `4 / 2` will be ___2___	4) `1 = 9` will be ___false___
5) `0 - 9` will be ___-9___	6) `2 <= 2` will be ___true___
7) `(string-length "bat")` will be ___3___	8) `(string=?" dog" "cat")` will be ___false___

9) What does the function `<` do?

it takes in two inputs, and returns true if the first one is less than the second

10) What does the function `string=?` do?

it takes in two Strings, and returns true if they are exactly the same

11) Write the contract for these Boolean functions in your Contracts page.

12) How many Numbers are there in the entire universe? ___*infinite*___

13) How many Strings are there in the entire universe? ___*infinite*___

14) How many Images are there in the entire universe? ___*infinite*___

15) How many Booleans are there in the Universe? ___*two*___

What are they?
true and false