

# 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) <code>(+ 1 4)</code> will be _____ | 2) <code>(&gt; 0 5)</code> will be _____  |
| 3) <code>(/ 4 2)</code> will be _____ | 4) <code>(= 1 9)</code> will be _____     |
| 5) <code>(- 0 9)</code> will be _____ | 6) <code>(&lt;= 2 2)</code> will be _____ |

8) What does the function `<` do?

---

9) What does the function `(string=?)` do?

---

10) Write the contract(s) for any new function(s) that produce Booleans you've seen above in your Contracts page.

11) How many Numbers are there in the entire universe? \_\_\_\_\_

12) How many Strings are there in the entire universe? \_\_\_\_\_

13) How many Images are there in the entire universe? \_\_\_\_\_

14) How many Booleans are there in the entire universe? \_\_\_\_\_

What are they?

---