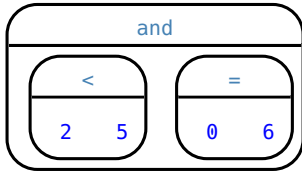


Inequalities—Practice

Create the Circles of Evaluation, then convert the expressions into code in the space provided.

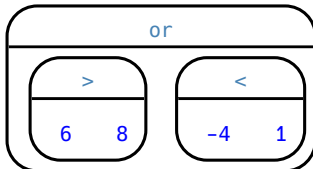
1) 2 is less than 5, and 0 is equal to 6



```
(and (< 2 5) (= 0 6))
```

What will this evaluate to? false

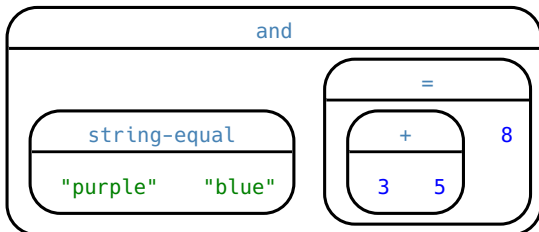
2) 6 is greater than 8, or -4 is less than 1



```
(or (> 6 8) (< -4 1))
```

What will this evaluate to? true

3) The String "purple" is the same as the String "blue", and 3 plus 5 equals 8



```
(and (string-equal "purple" "blue") (= (+ 3 5) 8))
```

What will this evaluate to? false

4) Write the contracts for `and` & `or` in your Contracts page.

```
; and : Boolean Boolean -> Boolean
; or : Boolean Boolean -> Boolean
```