

## Questions 1-4

### Question 1

1 point possible (graded)

What is the value of the expression below?

(> 10 5)

☒ true ✓

☐ false

☐ "true"

☐ "false"

#### Explanation

10 is greater than 5 so the answer is true. Remember boolean values are not strings and are case sensitive.

Submit

Answers are displayed within the problem

### Question 2

1 point possible (graded)

What about this one?

(> 5 5)

☐ true

☒ false ✓

☐ "true"

☐ "false"

#### Explanation

5 is not greater than 5 so the answer is false. Again, remember boolean values are not strings and are case sensitive.

Submit

Answers are displayed within the problem

### Question 3

1 point possible (graded)

Which of the following are predicates? Select all that apply.

☐ +

☒ = ✓

☒ string=? ✓


☐ string-append

**Explanation**

Predicates are primitives or functions that produce a boolean value, so `=` and `string=?` are examples of predicates.

Submit

---

 Answers are displayed within the problem

---

**Question 4**

1 point possible (graded)

Which of the following expressions produces `true` only when the width of an image `IMG1` is greater than 50 pixels?

☐ `(> (image-width IMG1) 50)`

☒ `(> (image-width IMG1) 50)` ✓

☐ `(>= (image-width IMG1) 50)`

☐ `(> 50 (image-width IMG1))`


**Explanation**

The expression that compares whether `(image-width IMG1)` is greater than 50 is:

`(> (image-width IMG1) 50)`

Submit

---

 Answers are displayed within the problem

---