Questions 7-9

If you're not sure how to look up or and not in the help desk, watch the "BSL - Discovering Primitives" video before doing the next exercises.

Question 7

1 point possible (graded)
What is the value of the expression below?

```
(or (< 2 1)
    (> 3 2)
    (= 4 4))
```

- ⦿ true ✔
- ○ false

Explanation

According to the help desk, an or expression: (or <expr1> <expr2> …) evaluates to true as soon as one <exprn> evaluates to true.

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ⓘ Answers are displayed within the problem

Question 8

1 point possible (graded)
Which comparisons are performed when the expression below is evaluated?

```
(or (< 2 1)
    (> 3 2)
    (= 4 4))
```

- ○ Just the <
- ○ Just the >
- ⦿ The < and the > ✔
- ○ All three <, >, =

Explanation

The help desk also explains that as soon as an expression produces true, in this case the expression is (> 3 2), other expressions to the right of it are not evaluated and or immediately produces true.

[Submit]

ⓘ Answers are displayed within the problem

Question 9

1 point possible (graded)
Given:

```
(define B1 true)
(define B2 false)
```

What is the value of the expression below?

```
(or (not B1) B2)
```

○ true

● false ✔

Explanation
(not B1) is false. (or false false) is false.

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❶ Answers are displayed within the problem