Question 3
Question 3

1/1 point (graded)
Why are we getting the following error?

```
(define (seat-guaranteed? r)
  (cond [(<= 1 r 100) true]
        [else false]))
```

```
Welcome to DrRacket, version 5.3.1 [3m].
Language: Beginning Student [custom].
Teachpack: universe.ss.
<=: expects a real as 2nd argument, given "standby"
```

- 🔘 The first cond question should be `(and (number? r) (<= 1 r 100))`.

- ⚪ The first cond question should be `(and (string? r) (<= 1 r 100))`.

- ⚪ The second cond question should be `(and (number? r) (<= 1 r 100))`.

- ⚪ The second cond question should be `(and (string? r) (<= 1 r 100))`.

✔

Explanation

Because this is a mixed data itemization, we have to guard the <= operation against being called with the string `"standby"`. So the question for the first cond case must include the `(and (number? r) ...)` guard. It ends up being (and (number? r) (<= 1 r 100)).

[Submit]

ℹ Answers are displayed within the problem