

Check for Mistakes in this Word Problem: long-name?

Directions: Names that are longer than 20 characters are considered long names. Write a function that takes in a person's name and returns true if it is a long name and false if it is not.

Contract and Purpose Statement

Every contract has three parts...

```
; long-name? : string → boolean
      function name      domain      range

; Check if a name is longer than 20 characters
      what does the function do?
```

Examples

Write some examples, then circle and label what changes...

```
(EXAMPLE( long-name? "John Joseph Jingleheimer Schmidt" )
      function name      input(s)

(> (string=? "John Joseph Jingleheimer Schmidt") 10) )
      what the function produces
```

```
(EXAMPLE( long-name? "Joe Jones" ) (> (string=? "Joe Jones") 10) )
      function name      input(s)      what the function produces
```

Definition

Write the definition, given variable names to all your input values...

```
(define( long? name )
      function name      variables

(< name 20) )
      what the function does with those variables
```