

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...

<code>; long-name? :</code>	<code>string</code>	\rightarrow	<code>boolean</code>
<i>function name</i>	<i>domain</i>		<i>range</i>

```
; Check if a name is longer than 20 characters
```

Examples

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

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

function name	arguments
(> (string=? "John Joseph Jingleheimer Schmidt") 10))

what the function produces

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

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

```
(define( long? name )
```

function name *variable*

```
(< name 20)
```