

# Check for Mistakes in this Word Problem: equal-length?

**Directions:** Write a function that takes in two strings and returns true if their lengths are equal and false otherwise.

## Contract and Purpose Statement

Every contract has three parts...

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

; Given two strings, check if they are the same length
                what does the function do?
```

## Examples

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

```
(EXAMPLE( equal-length? ("yes" "no") )
         function name      input(s)
         (= (string-length "yes") (string-length "no"))
         what the function produces)
```

```
(EXAMPLE( equal-length? ("dog" "cat") )
         function name      input(s)
         (= (string-length "dog") (string-length "cat"))
         what the function produces)
```

## Definition

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

```
(define( equal-length? string1 string2 )
       function name      variables
       (= string1 string2)
       what the function does with those variables)
```