

# What's Wrong with these Recipes? 3

**Directions:** You go to the store with \$1.50 in your pocket. Write a function that takes in the price of an item and returns true if you have enough money to buy the item and false if you do not.

## Contract and Purpose Statement

Every contract has three parts...

; enough-cash? : String -> Boolean  
function name domain range

; Check to see if the item costs less than 1.50  
what does the function do?

## Examples

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

(EXAMPLE (enough-cash? 2.5) (>= 1.5 2.5))  
function name input(s) what the function produces

(EXAMPLE (enough-cash? 9.0) (< gum 150))  
function name input(s) what the function produces

## Definition

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

(define (enough-cash? item)  
function name variable(s)  
(<= item 1.5)  
what the function does with those variable(s))

**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"))  
function name what the function produces input(s)

## Definition

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

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