

# 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...

# have-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...

**examples:**

have-enough-cash ( 2.5 ) is 1.50 >= 2.50  
function name input(s) what the function produces

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

end

## Definition

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

fun have-enough-cash( item ):  
function name variable(s)

item <= 1.5  
what the function does with those variable(s)

end

**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...

**examples:**

equal-length ( "yes", "no" ) is string-length("yes") == string-length("no")  
function name input(s) what the function produces

equal-length ( "dog", "cat" ) is string-length("dog") == string-length("cat")  
function name input(s) what the function produces

end

## Definition

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

fun equal-length(string1, string2):  
function name variable(s)

=  
what the function does with those variable(s)

end