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")))

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

  (= (string-length "dog") (string-length "cat")))

Definition
         what the function produces

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)