

## Check for Mistakes in this Word Problem: enough-cash?

**Directions:** You go the store with \$1.50 in your pocket. Write a function which 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? "gum" ) (< gum 1.5) )  
function name input(s) what the function produces

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

### Definition



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

(define( enough-cash? item )  
function name variables

(< item 1.5) )  
what the function does with those variables