Check for Mistakes in this Word Problem: enough-carpet?

Directions: *You have 100 square feet of carpet to put down in your room. Write a function that takes in the length and width of your room and returns true if you have enough carpet and false if you don't.*

Contract and Purpose Statement ☐

Every contract has three parts...

; enough-carpet? :   number number   →   number
function name   *domain*   *range*

; Given length and width of a room, is the area less than 100 sq feet?
what does the function do?

Examples ☐

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

(EXAMPLE(enough-carpet?   (10 15)   )   (< (* 10 15) 100)   )
function name   *input(s)*   *what the function produces*

(EXAMPLE(enough-carpet?   (9 10)   )   (< (* 9 10) 100)   )
function name   *input(s)*   *what the function produces*

Definition ☐

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

(define(enough-carpet?   length width)
function name   *variables*

    (< (* length width) 100)   )
what the function does with those variables