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