Design Recipe

Word Problem: yard-area
Use the Design Recipe to write a function <u>yard-area</u>, which takes in the width and length of a yard, and returns the area of the yard.

*(Don't forget: area = length * width !)*

I.   Contract+Purpose Statement

Every contract has three parts:

; _____ : _____ -> _____
        name   Domain   Range

; _____
                                        What does the function do?

II.   Give Examples

On the computer, write an example of your function in action, using EXAMPLE.

(EXAMPLE (_____)
                            Use the function here

                _____)
                            find another way to get the same result here

(EXAMPLE (_____)
                            Use the function here...

                _____)
                            find another way to get the same result here

III.   Definition

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

(define (_____   _____)
                    function name   variable names

        _____)
                    …..and the computer does this