Word Problem: lawn-area

Directions: *Use the Design Recipe to write a function 'lawn-area', which takes in the width and length of a lawn, and returns the area of the lawn. (Don't forget: area = length * width!)*

Contract and Purpose Statement

Every contract has three parts...

;   lawn-area   :   number   number   →   number

     function name   *domain*   *range*

; Produce area of lawn with given length and width

           what does the function do?

Examples

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

(EXAMPLE(lawn-area   10 20   )   (* 10 20)   )

     function name   *input(s)*   *what the function produces*

(EXAMPLE(lawn-area   50 5   )   (* 50 5)   )

     function name   *input(s)*   *what the function produces*

Definition

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

(define(lawn-area   length width   )

     function name   *variables*

     (* length width)   )

         what the function does with those variables