

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...

1

function name

width

length

2

→

output

what does the function do?

Examples

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

(EXAMPLE (

function name

width

length

)

what the function produces

(EXAMPLE (

function name

width

length

)

what the function produces

Definition

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

(define (

function name

variable

)

what the function does with those variables