

Word Problem: red-square

Directions: Use the Design Recipe to write a function 'red-square', which takes in a number (the length of each side of the square) and outputs a solid red rectangle whose length and width are the same size.

Contract and Purpose Statement

Every contract has three parts...

1

function name

2

domain

3

range

4

what does the function do?

Examples

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

(EXAMPLE (

function name

)

what the function produces

(EXAMPLE (

function name

)

what the function produces

Definition

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

(define (

function name

)

what the function does with those variables

)