The Desian Recipe

Directions: Write a function rect-perimeter that takes in the length and width of a rectangle and returns the perimeter of that rectangle.

Contract and	Durmaga	Statamont
Contract and	Purpose	Statement

Every contract has three parts...

Number, # rect-perimeter:: Number Number function name

#Takes in 2 numbers, length and width, and returns the double of the sum of both numbers

what does the function do?

Examples

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

examples:

rect-perimeter (10, 20) is 2 * (10 + 20)what the function produces 200, 350 is 2 * (200 + 350)rect-perimeter (

what the function produces

range

Definition

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

fun rect-perimeter(length, width): variable(s) function name (length + width)

what the function does with those variable(s)

end

Directions: Write a function rectprism-vol that takes in the length, width, and height of a rectangular prism and returns the Volume of a rectangular prism.

Contract and Purpose Statement

Every contract has three parts...

Number, rectprism-vol:: Number Number, Number function name range

#Takes in 3 numbers, length, width, and height, and multiplies them to return that value

what does the function do?

Examples

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

examples:

rectprism-vol (10, 20, 30 is 10 * (20 * 30) what the function produces 100, 250, 350 is 100 * (250 * 350) rectprism-vol (function name what the function produces

end

Definition

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

rectprism-vol(length, width, height): variable(s) function name length * (width * height)

what the function does with those variable(s)

end