

Word Problem: double-width

Write a function *double-width*, which takes in a number (the length of a rectangle) and produces a rectangle whose width is twice the given length.

Contract+Purpose Statement

Every contract has three parts:

double-width : : Number \rightarrow Image
name Domain Range
Consumes a length and produces a solid green rectangle whose width is twice
the given length
What does the function do?

Give Examples

Write examples of your function in action

examples:

double-width (45) is
the user types...
rectangle (45, 45 * 2, "solid", "green")
...which should become

double-width (8) is
the user types...
rectangle (8, 8 * 2, "solid", "green")
...which should become

end

Function

Circle the changes in the examples, and name the variables.

Write the code, copying everything that isn't circled, and using names where you find variables!

```
fun double-width ( length ) :  
  rectangle(length, length * 2, "solid", "green")  
end
```