Word Problem: red-square

Directions: *Use the Design Recipe to write a function 'red-square', which takes in a number (the 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...

red-square	::	Number	->	Image
function name		*domain*		*range*

Produce rectangle with given number as width and height

what does the function do?

Examples ☐

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

examples:

red-square (4) is

function name *input(s)*

rectangle(4, 4, "solid", "red")

what the function produces

red-square (12) is

function name *input(s)*

rectangle(12, 12, "solid", "red")

what the function produces

end

Definition ☐

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

fun red-square (size):

function name *variables*

rectangle(size, size, "solid", "red")

what the function does with those variables

end