

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: $\text{area} = \text{length} * \text{width}$!)

Contract and Purpose Statement

Every contract has three parts...

$$\text{functionname} : \text{domain} \rightarrow \text{range}$$

what does the function do?

Examples □

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

examples:

functionname (input(s)) is what the function produces

_____ (_____) is _____
functionname input(s) what the function produces

end

Definition □

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

```
fun functionname ( variables ) :
```

what the function does with those variables

end