

# Design Recipe

## Word Problem: *safe-right?*

Use the Design Recipe to write a function *safe-right?*, which takes in an x-coordinate and checks to see if it is less than 690.

### I. Contract+Purpose Statement

Every contract has three parts:

;  
\_\_\_\_\_ : \_\_\_\_\_ -> \_\_\_\_\_  
name Domain Range

;  
\_\_\_\_\_  
What does the function do?

### II. Give Examples

On the computer, write an example of your function in action, using EXAMPLE.

(EXAMPLE ( \_\_\_\_\_ )  
Use the function here

\_\_\_\_\_  
find another way to get the same result here

(EXAMPLE ( \_\_\_\_\_ )  
Use the function here...

\_\_\_\_\_  
find another way to get the same result here

### III. Definition

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

(define ( \_\_\_\_\_ )  
function name variable names

\_\_\_\_\_  
...and the computer does this