

Word Problem: onscreen?

Directions: Use the Design Recipe to write a function 'onscreen?', which takes in the x-coordinate and checks to see if Sam is safe on the left AND safe on the right.

Contract and Purpose Statement □

Every contract has three parts...

f function name	$:$ domain	\rightarrow range
f what does the function do?		

Examples □

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

(EXAMPLE (_____)
_____ function name input [s]

_____ what the function produces

(EXAMPLE ()
 function name

 what the function produces)

Definition □

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

```
(define ( function name variables )  
  
_____  
what the function does with those variables )
```