Design Recipe

Word Problem: onscreen?

Use the Design Recipe to write a function <u>onscreen?</u>, which takes in an x-coordinate and checks to see if Sam is safe on the left <u>and</u> safe on the right.

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

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(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