Check for Mistakes in this Word Problem: offscreen?

Directions: Write a function, offscreen?, which returns true if Sam the butterfly’s x-coordinate is less than -50 or greater than 690.

Contract and Purpose Statement
Every contract has three parts ...

; offscreen? : number --> boolean

; Given an x-coordinate, returns true if the coordinate is less than -50

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

(EXAMPLE( offscreen? 60 ) (true) )

(EXAMPLE( offscreen? 800 ) (false) )

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

(define( off-screen x-coord )

; what the function does with those variables

( and (< x-coord -50) (> x-coord 690) )

; what the function produces

; true

; false

; number

; boolean

; function name

; domain

; range

; input(s)