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

       function name   *domain*   *range*

; Given an x-coordinate, returns true if the coordinate is less than -50 or greater than 690

what does the function do?

Examples

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

(EXAMPLE(offscreen?   60   )   (true)   )

         function name   *input(s)*   *what the function produces*

(EXAMPLE(offscreen?   800   )   (false)   )

         function name   *input(s)*   *what the function produces*

Definition

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

(define(off-screen   x-coord   )

         function name   *variables*

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

              what the function does with those variables