

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 \rightarrow boolean
function name *domain* *range*

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