

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				
	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		