

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...

<code>;</code>	<code>offscreen?</code>	<code>:</code>	<code>number</code>	<code>→</code>	<code>boolean</code>
	<i>function name</i>		<i>domain</i>		<i>range</i>

```
; 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)
	<i>function name</i>	<i>input(s)</i>	<i>what the function produces</i>

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