

## 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 or greater than 690

Examples

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

(EXAMPLE (

offscreen?60 )(true)

(EXAMPLE (

offscreen?800 )(false)

Definition

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

(define (

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