## Word Problem: onscreen?

**Directions:** Use the Design Recipe to write a function 'onscreen?', which takes in the x-coordinate and checks to see if Sam is safe on the left AND safe on the right.

Contra	Contract and Purpose Statement														
Every contro	act h	as thre	e pa	rts											
; onscreen? :					number						$\rightarrow$		bool	ean	
function name					domain							range			
; Sam	is	on t	the	screen	if	his	x-co	ordinate	is	safe	on	the	left	and	safe
						,	what does	the function do?							
Examp	les														
Write some	exan	nples, i	then	circle and I	abel v	what ch	anges								
(EXAMPLE	Ξ(	onscreen?			10			)							
	_	function name			input(s)			_							
		(and	) £	safe-le	ft?	10)	(safe	-right?	10))	)					)
				١	vhat the	e function (	oroduces								
(EXAMPLE	Ξ(	onscreen?			-15			)							
	_	function name			input(s)			_							
		(and	) £	safe-le	ft?	-15)	(saf	e-right?	-15	5))					)
		what the function produces													
Definiti	on														
Write the de	efinitio	on, giv	en vo	ariable nan	nes to	all your	input va	ılues							
(define(	(	onsc	ree	n?		х		)							
		function name			variables										
	(ar	nd (	safe	e-left?	x)	(saf	e-rig	ht? x))						)	

what the function does with those variables