

Check for Mistakes in this Word Problem: target-leap

Directions: Write a function which takes in the target's x-coordinate and makes a player leap by returning an x-coordinate that is double the original x-coordinate.

Contract and Purpose Statement

Every contract has three parts ...

;	target-leap	:	number	→	number
	_____		_____		_____
	function name		domain		range

;	Takes the x-coordinate and returns a new one, multiplied by 2

	what does the function do?

Examples

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

(EXAMPLE(target-leap	100)	(200))
	_____	_____		_____	
	function name	input(s)		what the function produces	

(EXAMPLE(target-leap	40)	(200))
	_____	_____		_____	
	function name	input(s)		what the function produces	

Definition

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

(define(leap	x-coor)
	_____	_____	
	function name	variables	

(* x 5))

what the function does with those variables	