

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
	<hr/>		<hr/>		<hr/>
	<i>function name</i>		<i>domain</i>		<i>range</i>
;	Takes the x-coordinate and returns a new one, multiplied by 2				
	<hr/>				
	<i>what does the function do?</i>				

Examples

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

(EXAMPLE (target-leap	100)	(200))
	<hr/>	<hr/>		<hr/>	
	<i>function name</i>	<i>input(s)</i>		<i>what the function produces</i>	
(EXAMPLE (target-leap	40)	(200))
	<hr/>	<hr/>		<hr/>	
	<i>function name</i>	<i>input(s)</i>		<i>what the function produces</i>	

Definition

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

(define (leap	x-coor)
	<hr/>	<hr/>	
	<i>function name</i>	<i>variables</i>	
	(* x 5))
	<hr/>		
	<i>what the function does with those variables</i>		