

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

player's name

player's x-coordinate

player's y-coordinate

;

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)

)

player's name

player's x-coordinate

player's y-coordinate

what the function produces

(EXAMPLE(

target-leap

40

)

(200)

)

player's name

player's x-coordinate

player's y-coordinate

what the function produces

Definition

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

(define(

leap

x-coordinate

)

player's name

player's x-coordinate

player's y-coordinate

(* x 5)

what the function does with those variables