

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...

$$\text{; target-leap : } \underbrace{\text{number}}_{\text{function name}} \rightarrow \underbrace{\text{number}}_{\text{range}}$$

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

Examples

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

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

(EXAMPLE(target-leap	40) (200)
<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 )
```

function name
variables

(* x 5)

what the function does with these variables