

## 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, given variable names to all your input values...

(define( leap x-coor )  
function name variables

( \* x 5 )

what the function does with those variables