

# 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*