Word Problem: update-target

Directions: *Write a function 'update-target', which takes in the target's x-coordinate and produces the next x-coordinate, which is 50 pixels to the right.*

Contract and Purpose Statement

Every contract has three parts...

; update-target :   number   →   number

       function name   *domain*   *range*

; Produce new coordinate by adding 50 to the given number

                what does the function do?

Examples

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

(EXAMPLE(update-target   0   )   (+ 0 50)   )

       function name   *input(s)*   *what the function produces*

(EXAMPLE(update-target   20   )   (+ 20 50)   )

       function name   *input(s)*   *what the function produces*

Definition

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

(define(update-target   x   )

       function name   *variables*

     (+ x 50)   )

               what the function does with those variables