Word Problem: update-danger

Directions: *Use the Design Recipe to write a function 'update-danger', which takes in the danger's x-coordinate and produces the next x-coordinate, which is 50 pixels to the left.*

Contract and Purpose Statement

Every contract has three parts...

; update-danger :   number   →   number

   function name   *domain*   *range*

; Produce new coordinate by subtracting 50 from the given number

what does the function do?

Examples

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

(EXAMPLE(update-danger   100   ) (- 100 50)   )

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

(EXAMPLE(update-danger   35   ) (- 35 50)   )

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

Definition

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

(define(update-danger   x   )

         function name   *variables*

    (- x 50)   )

what the function does with those variables