

## 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...

$\mathbb{R}$	$\rightarrow$	$\mathbb{R}$
function name	domain	range
$\mathbb{R}$		
what does the function do?		

## Examples

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

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

### Definition

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

```
(define( function name variables )  
  what the function does with these variables )
```