Word Problem: update-danger

Directions: *Use the Design Recipe to write a function 'update-danger', which takes in the danger's x-coordinate and y-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` -> `Number`

function name | *domain* | *range*

```
# Produce new coordinate by subtracting 50 from the x-coordinate (the firs
```

what does the function do?

Examples

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

examples:

`update-danger` (`100, 200`) is `100 - 50`

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

`update-danger` (`35, 200`) is `35 - 50`

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

end

Definition

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

fun `update-danger` (`x, y`):

function name | *variables*

```
    x - 50
```

what the function does with those variables

end