

### Word Problem: update-player

**Directions:** Write a function called `update-player`, which takes in the player's y-coordinate and the name of the key pressed, and returns the new y-coordinate.

## Contract and Purpose Statement

*Every contract has three parts ...*

$\text{; } \underbrace{\text{MMMMMMMMMMMMMM}}_{\text{function name}} : \underbrace{\hspace{2cm}}_{\text{domain}} \rightarrow$

range

what does the function do?

## Examples

*Write some examples of your function in action...*

(EXAMPLE ( update-player      128 "up" ) MMMMMMMM )

*function name*                      *input(s)*                      *what the function does with those inputs*

(EXAMPLE ( update-player      451 "down" ) MMMMMMMM )

*function name*                      *input(s)*                      *what the function does with those inputs*

**(EXAMPLE**   (MMMMMMMMMMMMMM   )

*function name*                  *input(s)*

what the function does with those inputs

**(EXAMPLE**   (**MMMMMMMMMMMMMM** )

*function name*                  *input(s)*

what the function does with those inputs

### Definition

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

```
(define ( MMMMMMMMMMMMMM                      )
```

*function name*                      *variables*

what the function does with those variables