## 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.

		<i>,</i> ,	•	,					
(	Contract and Purpose Statement								
Ev	ery contract has three p	oarts							
;	update-player	:	number	string	$\rightarrow$	number			
_	function name		don	nain		range			

what does the function do?

## **Examples**

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

Produce new y-coordinate depending on key press

(EXAMPLE(	update-player	320	"up"	)	(+	320	20)	)
- -	function name	in	put(s)			what	the function produces	
(EXAMPLE(	update-player	100	"up"	)	(+	100	20)	)
_	function name	in	put(s)			what	the function produces	
(EXAMPLE(	update-player	320	"down"	)	( –	320	20)	)
- -	function name	in	put(s)			what	the function produces	
(EXAMPLE(	update-player	100	"down"	)	( –	100	20)	)
	function name	in	put(s)			what	the function produces	

## **Definition**

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

(define(	update-player	y key	)	
	function name	variables	_	
	(cond	" key)		
	[ (string=? "up		(+ y 20)	1
	[(string=? "do	wn" key)	(- y 20)	1
	[else		У	1))