Check for Mistakes in this Word Problem: state-tax

Directions: Some states have different tax rates. New York is 8%, Pennsylvania is 3%, and Delaware is 0%. All other states are 5%. Write a function that takes in the price of an item and returns how much the tax will be on the item.

Contract and Pu	rpose Stat	ement								
Every contract has three parts	S									
; state-tax	string			\rightarrow			number			
function name	domain						range			
; Given the stat	e and an	item's	price,	returns	the	the	tax	on	that	item
		и	hat does the fund	ction do?						
Examples										
Write some examples, then ca	ircle and label wl	nat changes								
(EXAMPLE((tax Del	aware))	(+ 0.0	price	<u>;</u>))
function i	function name input(s) what the function produ					produces				
(EXAMPLE(tax Ge	orgia))	(+ 0.05	pric	ce))
function r	name	input(s)		what t	the function	produces				
Definition										
Write the definition, given var	iable names to a	ll your input v	alues							
(define(state-t	tax st	ate pri	ce)							
function na	me	variables								
(cond										
[(string:	=? state	"Pennsvl	vania")	(* 0.0	3 pri	ce)				1
	. 200.00		,							
[(string	=? state	"New Yo	rk") (* 0.08]	price))]
[(string	=? state	"Delawar	re")	(* 0.0 p	rice)]
[else: (*	0.05 pri	ce)]))