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 Purpose Statement															
Every contract has three parts															
; state-tax :				string							\rightarrow		nui	mber	
function name				domain									r	ange	
; Given	the	state	and	an	item's	s pr	ice,	re	turns	the	the	tax	on	that	item
	what does the function do?														
Example	S														
Write some examples, then circle and label what changes															
(EXAMPLE ((tax	Delaw	are))	(+	0.0	price	∋))
	f	function name			input(s)				what	the function	produces				
(EXAMPLE ((tax	Geor	gia))	(+	0.05	pri	ce))
	f	function name			input(s)				what	the function	produces				
Definition	n														
Write the definiti	Write the definition, given variable names to all your input values														
(define(state-tax state price)															
_	fun	ction name			variables		_								
(cond														
	[(str	ing=?	state	e "	Pennsy	ylvan	ia")	(-	* 0.0	3 pr	ice)]
	[/str	ing=?	state	a "	New Y	ork"	١	(* ().08 p	ori ce	١				1
	[(301				14C M T	OT V	,).UU }		,				
	[(str	ing=?	state	e "	Delawa	are")		(*	0.0 p	rice)]
	[else	::(* 0	.05 p	ric	e)]))