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		
;	Siven	the	state	and	an	item's	price	, re	turns	the	the	tax	on	that	item
	what does the function do?														
Ex	amples	S													
Write some examples, then circle and label what changes															
(EX	AMPLE ((tax	Delaw	are))	(+	0.0	price	∋))
		j	function name			input(s)			what	the function	produces				
(EX	AMPLE ((tax	Geor	gia))	(+	0.05	pri	ce))
		j	function name			input(s)			what	the function	produces				
De	finitio	1													
Write	Write the definition, given variable names to all your input values														
(define(state-tax state price)															
	_	fun	ection name			variables									
	(cond													
		[<u>(str</u>	ing=?	stat	e '	'Pennsy	lvania") (* 0.03	3 pr	ice)]
		[(str	ing=?	stat	e '	'New Yo	rk")	(*	0.08 p	orice)]
		[(str	ing=?	stat	e '	'Delawaı	ce")	(*	0.0 p	rice)]
		[else	::(* O	.05 g	prio	ce)]))