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 and returns how much the tax will be on the item.

Contract and Purpose Statement															
Every contro	act has tl	hree parts	·												
; sta	ate-tax : strin										\rightarrow	number			
function name				domain									rc	ange	
; Given	the	state	and	an	item′	s pr	ice,	re	turns	the	the	tax	on	that	item
						what does	s the fun	ction d	10 ?						
Examp	les														
Write some	example	s, then cir	cle and	l labe	l what ch	anges .									
(EXAMPLE	E((tax	Delav	vare)) (+ 0.0						price))
	f	unction nam	e		input(s))				what	the function	on produ	ces		
(EXAMPLE	E((tax	k Geor	gia))	(+	0.05	pri	ce))
	f	unction nam	е		input(s))				what	the function	on produ	ces		
Definiti	on														
Write the de	efinition, g	giving var	iable nc	ames	to all you	r input v	alues								
(define(st	ate-ta:	x	state price)											
	fur	nction name			variables										
	(cond														
	[(st	ring=?	stat	te '	'Penns	ylvan.	ia")	(;	* 0.0	3 pr	ice)]
	[/a+	ring=?	g+at	' ۵-	'New V	'ork")	. (* () N8 ·	nrice	`				1
			- 5 ca (INCW I	OIK)				PIICC	,				
	[(st	ring=?	stat	te '	'Delawa	are")		(*	0.0 p	rice)	١]
	[els	е					(* (0.05	price)]))