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.

Contrac	et an	d Purp	ose S	tater	nent										
Every contrac	ct has t	hree parts	i												
; state	e-tax : stri						g ·				\rightarrow	\rightarrow		number	
functionname				domain								ro	ange		
; Given	the	state	and	an i	tem's	pric	e,	re	turns	the	the	tax	on	that	item
					W	rhat does t	he fund	ction c	io?						
Example	es														
Write some e		les, then ci	ircle and	d label v	hat ch	anges	_								
(EXAMPLE	((tax	Delaw	are))	(+	0.0	pric	e))
		unction nam	e		input (s)				what ti	ne functio	nproduc	es			
(EXAMPLE)	((ta:	k Geor	gia))	(+	0.05	pri	ce))
		unction nam	e		input (s)				what ti	ne functio	nproduc	es			_
Definitio	n														Г
Write the def		aiven var	iable na	mes to	al vour	input vo	2eut								_
		-													
-	ine(state-tax state price)														
	(cond														
	[(st	ring=?	stat	e "P€	ennsy	lvania	a")	('	0.0	3 pr	ice)]
	[(st	ring=?	stat	e "Ne	ew Yo	ork")	(* 0	.08 p	orice)]
	[(st	ring=?	stat	e "De	elawa	re")	(* (0.0 p	rice)]
	[els	e					(* 0	.05 p	orice)])