## 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-t	state-tax :						string						number			
function name				domain									ra	nge		
; Given th	e s	state	and	an	item	ı's	price	Э,	ret	urns	the	the	tax	on	that	item
						what	does the	func	ction do	ı Ś						
Examples																
Write some examples, then circle and label what changes																
(EXAMPLE( t	ax	Delaw	are)					)	(+	0.0	pric	e)				)
	fun	ction name	9		inpu	t(s)				what t	he functio	n produc	es			
(EXAMPLE( (t	tax	Geor	gia)					)	(+	0.05	pri	ce)				)
	fun	ction nam	9		inpu	t(s)				what t	he functio	n produc	es			
Definition																
Write the definitio	Write the definition, given variable names to all your input values															
(define(	stat	te-tax	ζ	sta	ate p	pric	e )									
	funct	ion name			variable	es										
( co	nd															
1	str	ing=?	stat	te '	"Penn	sylv	ania	")	( *	0.0	3 pr	ice)				]
<u>)</u> ]	str	ing=?	stat	te '	"New	Yor	k")	(	* 0	.08	price	:)				]
<u>)</u> ]	str	ing=?	stat	te '	"Dela	ware	e")	(	* C	.0 p	orice	)				]
[ e	lse	:(* 0	.05	prio	ce)											]))