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	g .	\rightarrow	number	
function name domain			range	
; Given the state and an item's price	e, returns	the the	tax on that	item
what does th	e function do?			
Examples				
Write some examples, then circle and label what changes				
(EXAMPLE((tax Delaware)) (+ 0.0	price))
function name input(s)	what th	e function produce	s	
(EXAMPLE((tax Georgia)) (+ 0.05	price))
function name input(s)	what th	e function produce	s	
Definition				
Write the definition, given variable names to all your input valu	Jes			
(define(state-tax state price)				
function name variables				
(cond				
[(string=? state "Pennsylvania	(* 0.03	3 price)]
[(string=? state "New York")	(* 0.08 p	orice)		1
<u>, </u>		· ,		<u>-</u>
[(string=? state "Delaware")	(* 0.0 p	rice)]
[else	(* 0.05 p	price)]))