Check for Mistakes in this Word Problem: circle-area

Directions: Write a function that returns the area of a circle given its diameter.

Contract and Purpose Statement																	
Every contrac	ct has thr	ree parts															
; circle-area :					number							\rightarrow	number				
function name				domain								-		rang	е		
; Takes	kes the diameter o			f a circle a			nd calculates			th	e a	area by mul			ltiplying		
what does the function do?																	
Examples																	
Write some e	xamples	, then circle and	label v	what	changes												
(EXAMPLE	(ci	circle-area		10)		(*	(sqr	(/	10	2))	pi))	
			input(s)			what th				ne function produces						_	
(EXAMPLE	(ci	circle-area		50)		(*	(sqr	(/	50	2))	pi))	
			input(s)			what the fur				ection produces						_	
Definition																	
Write the defi	nition, gi	ven variable nar	nes to	all yo	our input val	ues											
(define(area		diameter)												
	fL	unction name		,	variables												
	(* (sqr diameter)			p	i))	

what the function does with those variables