The Design Recipe

Directions: Getting a gym membership costs \$150, and then there's a \$45/month fee after that. Write a function globo-gym that takes in a number of months and produces the cost of a membership for that many months.

Contract and Purpose Stateme	ent	
Every contract has three parts		
globo-gym :	Number	-> Number
function name	domain	range
; Takes in a number of months	s and multiplies it by \$45 and adds \$150 and returns	that value
	what does the function do?	_
Examples		
Write some examples, then circle and labe	el what changes	
(EXAMPLE (globo-gym	0) (+ 150 (* 0 45)))
function name	input(s) what the function	produces
(EXAMPLE (globo-gym	3) (+ 150 (* 3 45)))
function name	input(s) what the function	produces
Definition		
Write the definition, giving variable names	s to all your input values	
(define (globo-gym	months)	
	variable(s)	
function name		\
v))
(+ 150 (* months 45)) Directions: The cost of a ride is a	what the function does with those variable(s) starting price of \$2.50, plus \$1.50/mile. Write a function re-	ideshare , that takes in a
(+ 150 (* months 45))	what the function does with those variable(s) a starting price of \$2.50, plus \$1.50/mile. Write a function recost of that right.	ideshare , that takes in a
(+ 150 (* months 45)) Directions: The cost of a ride is a number of miles and produces the	what the function does with those variable(s) a starting price of \$2.50, plus \$1.50/mile. Write a function recost of that right.	ideshare , that takes in a
(+ 150 (* months 45)) Directions: The cost of a ride is a number of miles and produces the Contract and Purpose Statement	what the function does with those variable(s) a starting price of \$2.50, plus \$1.50/mile. Write a function recost of that right.	ideshare, that takes in a
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(+ 150 (* months 45)) Directions: The cost of a ride is a number of miles and produces the Contract and Purpose Statement Contract has three parts Tideshare: function name	what the function does with those variable(s) a starting price of \$2.50, plus \$1.50/mile. Write a function received cost of that right. ent Number domain es, multiplies it be 1.50 and then adds it to 2.50	-> Number
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(+ 150 (* months 45)) Directions: The cost of a ride is a number of miles and produces the Contract and Purpose Statement Contract has three parts Tideshare: function name Takes in a number of of miles Examples	what the function does with those variable(s) a starting price of \$2.50, plus \$1.50/mile. Write a function recost of that right. ent Number domain es, multiplies it be 1.50 and then adds it to 2.50 what does the function do?	-> Number
(+ 150 (* months 45)) Directions: The cost of a ride is a number of miles and produces the Contract and Purpose Statement Every contract has three parts Tideshare: function name ; Takes in a number of of miles Examples Write some examples, then circle and labe	what the function does with those variable(s) a starting price of \$2.50, plus \$1.50/mile. Write a function received cost of that right. ent Number domain es, multiplies it be 1.50 and then adds it to 2.50 what does the function do?	-> Number range
(+ 150 (* months 45)) Directions: The cost of a ride is a number of miles and produces the Contract and Purpose Statement Contract has three parts Frideshare: function name Takes in a number of of miles Examples Write some examples, then circle and label (EXAMPLE (rideshare))	what the function does with those variable(s) a starting price of \$2.50, plus \$1.50/mile. Write a function recost of that right. ent Number domain es, multiplies it be 1.50 and then adds it to 2.50 what does the function do? el what changes 0) (+ 2.5 (* 0 1.5))	-> Number range
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