

# 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 Statement

Every contract has three parts...

```
# _____ :: _____ -> _____  
      function name           domain           range  
  
# _____  
                                what does the function do?
```

## Examples

Write some examples, then circle and label what changes...

**examples :**

```
_____ ( _____ ) is _____  
function name      input(s)           what the function produces  
  
_____ ( _____ ) is _____  
function name      input(s)           what the function produces
```

**end**

## Definition

Write the definition, giving variable names to all your input values...

```
fun _____ ( _____ ) :  
  function name      variable(s)  
  
  _____  
                        what the function does with those variable(s)
```

**end**

**Directions :** The cost of a ride is a starting price of \$2.50, plus \$1.50/mile. Write a function `rideshare`, that takes in a number of miles and produces the cost of that right.

## Contract and Purpose Statement

Every contract has three parts...

```
# _____ :: _____ -> _____  
      function name           domain           range  
  
# _____  
                                what does the function do?
```

## Examples

Write some examples, then circle and label what changes...

**examples :**

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