The Design Recipe

Directions: Write a function `minimum-wage`, that takes in a number of hours worked and returns the amount a worker will get paid at $10.25/hr.

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…

(EXAMPLE (_____ _____) _____)

function name *input(s)* *what the function produces*

(EXAMPLE (_____ _____) _____)

function name *input(s)* *what the function produces*

Definition

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

(define (_____ _____)

function name *variable(s)*

_____)

what the function does with those variable(s)

Directions: Write a function `tip-calculator` that takes in the cost of a meal and returns the 15% tip for that meal.

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…

(EXAMPLE (_____ _____) _____)

function name *input(s)* *what the function produces*

(EXAMPLE (_____ _____) _____)

function name *input(s)* *what the function produces*

Definition

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

(define (_____ _____)

function name *variable(s)*

_____)

what the function does with those variable(s)