

Word Problem: cost

Directions: Luigi’s Pizza has hired you as a programmer. They offer Pepperoni (\$10.50), Cheese (\$9.00), Chicken (\$11.25) and Broccoli (\$10.25). Write a function called cost which takes in the name of a topping and outputs the cost of a pizza with that topping.

Contract and Purpose Statement

Every contract has three parts ...

;

MMMM

function name

:

domain

→

range

;

what does the function do?

Examples

Write some examples of your function in action...

(EXAMPLE

(

cost

function name

,

"pepperoni"

input(s)

)

MMMMM

what the function does with those inputs

)

(EXAMPLE

(

MMMM

function name

,

input(s)

)

what the function does with those inputs

)

Definition

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

(define

(

MMMM

function name

,

variables

)

what the function does with those variables

)