

Check for Mistakes in this Word Problem: turkey-price

Directions: The grocery store charges \$2/pound for a turkey for the first 5 pounds, and then \$1/pound for every pound after that. Write a function that takes in the weight of a turkey and returns how much it will cost.

Contract and Purpose Statement

Every contract has three parts:

turkey-price

:

weight

→

number

function name

domain

range

:

Return the price of the turkey.

what does the function do?

Examples

Write some examples, test cases and other useful things.

(EXAMPLE(turkey-price 3) (* 2 3))

function name

input(s)

what the function produces

(EXAMPLE(turkey-price 6) (+ 10 (* 1 (- 6 5))))

function name

input(s)

what the function produces

Definition

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

(define(turkey-price weight)

cond

[(< weight 5)

(* 2 weight)

(else

(+ 10 (* 1 (- weight 5)))

)