

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

;

Return the price of the turkey.

Examples

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

(EXAMPLE (

turkey-price3)(* 2 3)

(EXAMPLE (

turkey-price6)(+ 10 (* 1 (- 6 5)))

Definition

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

(define (

turkey-priceweight) (

cond

(< weight 5) (* 2 weight)

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