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-price 3 ) (* 2 3 ) )

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

Definition

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

(define( turkey-price weight )

(cond

[ (< weight 5 ) (* 2 weight) ]

[ else (+ 10 (* 1 (- weight 5)) ) ]))