

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, then circle and label what changes...

(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 )  
function name variables  
  
  (cond  
  
    [( < weight 5 ) ( * 2 weight ) ]  
  
    [else ( + 10 ( * 1 ( - weight 5 ) ) ) ]))
```