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)))]))