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, giving variable names to all your input values ...

```
(define( turkey-price   weight )
```

function name — *variables*

```
  (cond

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

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