Check for Mistakes in this Word Problem: calc-pencils

Directions: *All students are given five (5) pencils at the beginning of the school year. Write a function called calc-pencils that takes the number of students in the school and calculates the number of pencils needed for that school.*

Contract and Purpose Statement

Every contract has three parts...

; calc-pencils : number → number

    function name   *domain*   *range*

; Takes a number of students and gives the number of pencils

                what does the function do?

Examples

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

(EXAMPLE(calc-pencils 100) (* 100 5))

        function name   *input(s)*   *what the function produces*

(EXAMPLE(calc-pencils 40) (* 40 6))

        function name   *input(s)*   *what the function produces*

Definition

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

(define(calculate-pencil   p   )

        function name   *variables*

      (* p 5))

              what the function does with those variables