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-penci   p   )
           function name   *variables*

       (* p 5)   )
                      what the function does with these variables