

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

number

→

number

;

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))

number

→

number

(EXAMPLE(calc-pencils 40) (* 40 5))

number

→

number

What does the function do?

Definition

After the definition, give variable names to all your input values...

(define(calc-pencils p)

p

)

(* p 5)

)

What does the function do? Call this example!