

## 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...

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calc-pencils: number → number

;

Takes a number of students and gives the number of pencils

Examples

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

(EXAMPLE (

calc-pencils 100 ) (\* 100 5)

(EXAMPLE (

calc-pencils 40 ) (\* 40 6)

Definition

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

(define (

calculate-pencilsp ) (\* p 5) )