

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

```
(define(calculate-penci] p )
  function name variables
  (* p 5)
  what the function does with those variables
```