Word Problem: rocket-height

Directions: *A rocket blasts off, traveling at 7 meters per second. Write a function called 'rocket-height' that takes in the number of seconds that have passed since the rocket took off, and which produces the height of the rocket at that time.*

Contract and Purpose Statement

Every contract has three parts...

; rocket-height :   number   →   number

     function name   *domain*   *range*

; Produce height of rocket after given number of seconds

what does the function do?

Examples

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

(EXAMPLE(rocket-height   0   ) (* 0 7)   )

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

(EXAMPLE(rocket-height   10   ) (* 10 7)   )

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

Definition

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

(define(rocket-height   seconds   )

       function name   *variables*

       (* seconds 7)   )

what the function does with those variables