

Word Problem: rocket-height

Directions : A rocket blasts off, traveling at 7 meters per second. Use the Design Recipe to write a function `rocket-height` , which takes in a number of seconds and calculates the height.

Contract and Purpose Statement

Every contract has three parts...

`; rocket-height` : Number -> Number
function name *domain* *range*

`; Takes in seconds since liftoff and returns the height of the rocket, which is traveling 7 m/s`
what does the function do?

Examples

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

(EXAMPLE (`rocket-height` 0) (`* 7 0`))
function name *input(s)* *what the function produces*

(EXAMPLE (`rocket-height` 3) (`* 7 3`))
function name *input(s)* *what the function produces*

Definition

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

(define (`rocket-height` seconds)
function name *variable(s)*

(`* 7 seconds`)
what the function does with those variable(s)