Name: _____ Date:_____ Per: _____

word problem

rocket-height

Code.org CS in Algebra - Stage 10

Description: A rocket blasts off, traveling at 15 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...

_____ : _____ -> _____

function name *domain* *range*

_____

what does the function do?

Examples

Write some examples for your function in action...

Example: _____ (_____) = _____

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

Example: _____ (_____) = _____

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

Definition

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

Define: _____ (_____) =

function name *variables*

_____

what the function does with those variables