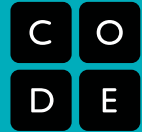


word problem

# 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*

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*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*