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...

examples:

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

rocket-height (10   ) is   10 * 7
   function name   *input(s)*   *what the function produces*

end

Definition ☐

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

fun rocket-height (seconds   ):
   function name   *variables*

   seconds * 7
            what the function does with those variables

end