

Word Problem: rocket-time

Directions: A rocket is traveling from Earth to Mars at 80 miles per second. Write a function that describes the time the rocket has been traveling, as a function of distance.

Contract and Purpose Statement



Every contract has three parts...

rocket-time	::	Number	->	Number
function name		domain		range
# Given the distance traveled, produce the time traveled for a rocket mov				
what does the function do?				

Examples



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

examples:

rocket-time	(	0	) is	0 / 80
function name		input(s)		what the function produces
rocket-time	(	10	) is	10 / 80
function name		input(s)		what the function produces
rocket-time	(	80	) is	80 / 80
function name		input(s)		what the function produces
rocket-time	(	560	) is	560 / 80
function name		input(s)		what the function produces

end

Definition



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

fun	rocket-time	(	distance)	:
	function name		variables		
distance / 80					
what the function does with those variables					

end