## Design Recipe

## Word Problem

A rocket is flying from Earth to Mars at 80 miles per second. Write a function that describes the <u>distance</u> D that the rocket has traveled, as a function of <u>time</u> t.

l. Every	Contract+P contract has						
·	D_ name	:		Domain		->	
II. Give Examples Write an example of your function for some sample inputs							
Use the	D(1) e function here	=	What shou	ld the function prod	uce?		
Use the	D(2)=		What shou	ld the function prod	uce?		
	D( )	=		·			
Use the	e function here	=	What shou	Id the function prod	uce?		
	e function here		What shou	ld the function prod	uce?		
III. Definition  Write the formula, giving variable names to all your input values.							
<u>D(</u>	) =						