Design Recipe

Word Problem

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_**.

I.   Contract+Purpose Statement

Every contract has three parts:

; _____ : _____ -> _____
　　　　name　　　　　　　　　　　　Domain　　　　　　　　　　　　Range

II.   Give Examples

Write an example of your function for <u>some sample inputs</u>

_____ = _____
Use the function here　　　　　What should the function produce?

_____ = _____
Use the function here　　　　　What should the function produce?

_____ = _____
Use the function here　　　　　What should the function produce?

_____ = _____
Use the function here　　　　　What should the function produce?

III.   Definition

Write the Formula, giving variable names to all your input values.

_____ = _____