

# Design Recipe

## Word Problem

### I. Contract+Purpose Statement

Every contract has three parts:

; \_\_\_\_\_ : \_\_\_\_\_ -> \_\_\_\_\_  
name Domain Range

### II. Give Examples

Write an example of your function for some sample inputs

\_\_\_\_\_  
= \_\_\_\_\_  
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.

\_\_\_\_\_  
= \_\_\_\_\_