

# Word Problem: revenue

**Directions :** Use the Design Recipe to write a function `revenue` , which takes in the number of glasses sold at \$1.75 apiece and calculates the total revenue.

## Contract and Purpose Statement

Every contract has three parts...

; revenue : Number -> Number  
*function name domain range*

; Consumes a Number of glasses sold and produces the revenue  
*what does the function do?*

## Examples

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

(EXAMPLE ( revenue 1 ) ( \* 1.75 1 ) )  
*function name input(s) what the function produces*

(EXAMPLE ( revenue 5 ) ( \* 1.75 5 ) )  
*function name input(s) what the function produces*

## Definition

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

(define ( revenue glasses )  
*function name variable(s)*  
( \* 1.75 glasses )  
*what the function does with those variable(s)*