

# 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...

**examples:**

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

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

**end**

## Definition

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

**fun** revenue( glasses ):  
*function name* *variable(s)*

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

**end**