Word Problem: profit

Directions: Use the Design Recipe to write a function `profit` that calculates total profit from glasses sold, which is computed by subtracting the total cost from the total revenue.

Contract and Purpose Statement

Every contract has three parts...

profit::   Number   ->   Number

        function name   *domain*   *range*

Consumes a Number of glasses sold and produces the profit

                      what does the function do?

Examples

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

examples:

      profit (1   ) **is** revenue(1) - cost(1)

       function name   *input(s)*   *what the function produces*

      profit (5   ) **is** revenue(5) - cost(5)

       function name   *input(s)*   *what the function produces*

end

Definition

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

fun   profit(glasses   ):

        function name   *variable(s)*

   revenue(glasses) - cost(glasses)

               what the function does with those variable(s)

end