

Word Problem: cost

Directions: Use the Design Recipe to write a function `cost`, which takes in the number of glasses sold and calculates the total cost of materials if each glass costs \$.30 to make.

Contract and Purpose Statement

Every contract has three parts...

$$f: \text{domain} \rightarrow \text{range}$$

what does the function do?

Examples

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

(EXAMPLE ())		
<i>function name</i>	<i>input(s)</i>	<i>what the function produces</i>

(EXAMPLE ())

<u>function name</u>	<u>input(s)</u>	<u>what the function produces</u>
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Definition

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

```
(define ( function name variable(s) )
  what the function does with those variable(s)
)
```