

Word Problem: line-length

Directions: Write a function called 'line-length', which takes in two numbers and returns the "positive difference" between them. It should always subtract the smaller number from the bigger one, and if they are equal it should return zero.

Contract and Purpose Statement

Every contract has three parts...

functionname

:

:

domain

->

range

#

what does the function do?

Examples

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

examples:

line-length

(

10

,

5

)

is

(10 - 5)

functionname

input (s)

what the function produces

line-length

(

2

,

8

)

is

(8 - 2)

functionname

input (s)

what the function produces

end

Definition

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

fun

functionname

(

variables

)

:

ask:

|

then:

|

then:

end

end