

# Word Problem: average

**Directions :** To find the average of two numbers, they should be added together and divided by two. Define a function which takes in two numbers and produces their average.

## Contract and Purpose Statement

Every contract has three parts...

;  
\_\_\_\_\_ -> \_\_\_\_\_  
function name domain range  
;  
\_\_\_\_\_  
what does the function do?

## Examples

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

( EXAMPLE ( \_\_\_\_\_ ) \_\_\_\_\_ )  
function name input(s) what the function produces  
( EXAMPLE ( \_\_\_\_\_ ) \_\_\_\_\_ )  
function name input(s) what the function produces

## 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)