A - Calculator
Input File: CalculatorIn.txt

Baby Ryan is an arithmetic genius. Given any two integers, he can calculate their product, sum, difference and average. Your task is to write a program that is as smart as Ryan.

Inputs
There will be one line of input that contains two integers.

Outputs
There will be one line of output containing the two input numbers, followed by the integer product, sum, and difference of the two numbers, followed by the average of the two input integers formatted to one decimal place. The output line should be annotated exactly as shown below.

Sample inputs
10 15

Sample output
n1 = 10, n2 = 15, n1 * n2 = 150, n1 + n2 = 25, n1 - n2 = -5, the average of n1 and n2 = 12.5