

Java Operators(Arithmetic) | Set 1

Given three numbers A,B and C. Find roots of quadratic equation $Ax^2 + Bx + C = 0$. (A not equal to 0)

Input:

First line of the input contains an integer T which denotes the number of test cases. Then T test cases follow. Each test case contains a single line containing three space separated integers A,B and C.

Output:

For each test case, Print two roots of quadratic equation(space separated) in ascending order. For complex roots,print COMPLEX.

Constraints:

$1 \leq T \leq 100$

$-10 \leq A \leq 10$

$-10 \leq B \leq 10$

$-10 \leq C \leq 10$

Note: A is not equal to 0.

Example:

Input:

3

2 3 4

3 5 1

1 -4 4

Output:

COMPLEX

-1.4342586 -0.23240812

2.0 2.0