

# Problem A. Easy Calculation

**Time limit** 1000 ms  
**Mem limit** 1572864 kB  
**Code length Limit** 50000 B  
**OS** Linux

Find  $x$  such that  $Ax + B\sin(x) = C$ .

## Input

The first line denotes  $T$  (number of test cases).  $3T$  integers follow denoting  $A, B$  and  $C$  for every test case. ( $A \geq B > 0$ ). All Integers are less than 100000.

## Output

$T$  real numbers rounded to 6 digits one in each line.

## Example

Input	Output
1 1 1 20	19.441787