

## Postfix Expression

Given a Postfix Expression, find its value%10^9+7.

Input format:

First line contains the the number of test cases, T.

The following T lines each consist of a string containing the postfix expression.

Output format:

For each test case output a single line containing the solution of the respective postfix expression.

Constraints:

$1 \leq T \leq 10$

$1 \leq \text{Length of Input String} \leq 200000$

It is guaranteed that the string contains only digits, '+', '-', '/', '\*'

Time Limit : 1 sec

Memory Limit : 256 MB

Sample Input:

1

231\*+9-

Sample Output:

-4