

Calculator

Ian needs to do his math homework, but his calculator's broken and he doesn't want to do all the computations by himself. Can you make a program to help him?

Input

Fortunately, your program doesn't have to do derivatives nor binomial coefficients as Ian will only need to compute simple expressions. First line of the input contains number N (≤ 100000). Each of N following lines of the input will be in the form "A O B", where A and B are non-negative integers (≤ 10000000) and O is one of the following operators: "*", "+", "-". There is at least one space between both A and O, and O and B.

Output

For each of the N input expressions, output the result of the expression. Each result must be on its own line.

Sample input

```
3
234 + 432
6 * 7
512 * 2
```

Sample Output

```
666
42
1024
```