

## Homework

**Program Name:** homework.java**Input File:** homework.in

Write a program to solve your little brother's math homework.

**Input**

The first line of input will contain a single integer  $n$  indicating the number of math problems to solve. The remainder of the input consists of those  $n$  math problems.

Each math problem is of the form:

$A \text{ operator } B$

A and B will both be nonnegative integers in the range  $0 \leq A, B \leq 1000$ . Operators will be one of +, -, \*.

**Output**

For each math problem in the input, print the solved problem to the output, where C is the solution:

$A \text{ operator } B = C$

**Example Input File**

```
3
3 + 37
2 * 121
0 - 81
```

**Example Output To Screen**

```
3 + 37 = 40
2 * 121 = 242
0 - 81 = -81
```