

Math Homeworks

Today Jojo has a special guest at his house. His very naughty cousin came to stay at Jojo's house for 1 week. During the same week, Jojo took his cousin to her school. On Wednesday, his cousin got a math homework that had to be collected the next day. Jojo's cousin asked Jojo for help. However, they do not want to spend much time doing the homework, since they have purchased tickets to watch their favorite movie. Help them solve it quickly.

Format Input

There are 3 lines of input with format " $(A + B) \times (C - D)$ " for each line.

Format Output

One line that contains 3 numbers that is the result of the input of each row.

Constraints

- $1 \leq A, B, C, D \leq 200.000$

Sample Input (standard input)

```
(1+2) x (3-4)
(10+3) x (5-2)
(9+21) x (45-20)
```

Sample Output (standard output)

```
-3 69 750
```

Note

Input doesn't contain any space character

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Hari ini Jojo mendapat tamu spesial di rumahnya. Adik sepupunya yang sangat nakal datang untuk menginap di rumah Jojo selama 1 minggu. Selama 1 minggu itu pula, Jojo mengantarkan adik sepupunya ke sekolah. Pada hari Rabu, adik sepupunya mendapat PR matematika yang harus dikumpulkan esok harinya. Adik sepupu Jojo meminta bantuan Jojo untuk mengerjakannya. Namun, Mereka tidak ingin menghabiskan banyak waktu untuk mengerjakan PR tersebut, sebab mereka telah membeli tiket menonton film favorit mereka. Bantulah mereka menyelesaikannya dengan cepat.

Format Input

Terdapat 3 baris input dengan format “ $(A + B) \times (C - D)$ ” setiap barisnya.

Format Output

Sebuah baris yang berisi 3 buah bilangan yang merupakan hasil input setiap barisnya.

Constraints

- $1 \leq A, B, C, D \leq 200.000$

Sample Input (standard input)

```
(1+2) x (3-4)
(10+3) x (5-2)
(9+21) x (45-20)
```

Sample Output (standard output)

```
-3 69 750
```

Note

Input tidak mengandung karakter spasi