## **Convert From Decimal**

Given t integers called n in base 10, convert them to base x.

## <u>Input</u>

The first line of input contains *t*, the amount of numbers you will have to convert.

The next t lines contain two numbers, n and x where n is the original base 10 number and x is the base you must convert it to.

Input	Output
6 2 7 8 34 16 1792 19 12345 10 477 36 1295	111 70 42 1F3E 477 ZZ

## **Add Two Numbers**

You will be given **t** test cases.

Given a base k and two numbers x and y, output the sum of x and y.

It is guaranteed that **x** and **y** are provided to you in base **k**.

## <u>Input</u>

The first line of input contains *t*, the number of test cases.

Then there will be *t* lines that contain three variables.

The first number on each line is **k**, the base that you are working in.

The next two numbers are **x** and **y**.

Input	Output
8 10 78 30 2 1001 1100 8 1362 36 16 7B14AD 5A6C 19 GH2B9 43999 36 ZZZZ ZZZZ 13 13 91 5 4321 23	108 10101 1420 7B6F19 121C1I 1ZZZY A4 4344