

MySlate_C_CON_LOO_Level1_0012

HackerRank

Division is one of the basic arithmetic operations; each part of a division equation has a name. The three main names are the dividend, the divisor, and the quotient.

a. Dividend - The dividend is the number you are dividing up
b. Divisor - The divisor is the number you are dividing by
c. Quotient - The quotient is the answer
d. Remainder - The left over after the division, the group that is incomplete
 $\text{Dividend} \div \text{Divisor} = \text{Quotient} + \text{Remainder}$

Write a 'C' program to divide two numbers, print the quotient and remainder - without the division operation ?

Input Format

First line specifies the number of test cases. Every single line has two numbers for the program to process.

Constraints

$1 \leq n1 \leq 2,147,483,647$

Output Format

$\%d / \%d = \%d$ $\%d \% \%d = \%d$

Sample Input 0

```
3
12 5
90 5
1048576 65536
```

Sample Output 0

```
12 / 5 = 2
12 % 5 = 2
90 / 5 = 18
90 % 5 = 0
1048576 / 65536 = 16
1048576 % 65536 = 0
```