Problem H: **Remainder Calculator**

**In this problem, you are given two positive integers and and then positive integer . Suppose that for each , . You should find** .

## **Input**

**The number of test cases comes in the first line.**

**For each test case, first there are two integers and such that . Then you are given .**

## **Output**

For each test case, print .

|  |  |  |
| --- | --- | --- |
| **Sample Input** | | **Sample Output** |
| **1**  **2 100**  **3 8** | **76** | |