

Divisibility

Print all integers a_i such that a_i is divisible by x and not divisible by y , where $1 < a_i < n < 100000$.

Input

First, you are given t ($t < 100$) - the number of test cases. In each of the following t lines, 3 integers: $n \ x \ y$.

You might assume also that $x < n$ and x is not divisible by y .

Output

In each of the following t lines, numbers requested in the problem description in the separated by a single space in ascending order.

Example

Input:

2

7 2 4

35 5 12

Output:

2 6

5 10 15 20 25 30