We use the integers , , and to create the following series:

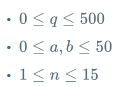


You are given queries in the form of a, b, and n . For each query, print the series corresponding to the given a, b, and n values as a single line of space-separated integers.

**Input Format**

The first line contains an integer, q , denoting the number of queries.   
Each line I of q the subsequent lines contains three space-separated integers describing the respective  values for that query.

**Constraints**



* **Output Format**

For each query, print the corresponding series on a new line. Each series must be printed in order as a single line of space-separated integers.

**Sample Input**

2

0 2 10

5 3 5

**Sample Output**

2 6 14 30 62 126 254 510 1022 2046

8 14 26 50 98

**Explanation**

We have two queries:

