

## Find Prime

Input File: prime.txt

You are just learning what prime numbers are. In order to help you learn, you want to create a program to print out the first N prime numbers. However, this comes with a twist. To showcase your coding skills, you want to square every number between the integers K1 and K2.

Input:

An integer L, followed by L lines. Each following line will contain three positive integers, N, K1, and K2.

Output:

Print the first N prime numbers. If the prime number is between the values of K1 and K2 (inclusive), square the prime number before printing it.

Example Input:

```
3
8 5 15
3 1 5
26 80 82
```

Example Output:

```
2 3 25 49 121 169 17 19
4 9 25
2 3 5 7 11 13 17 19 23 29 31 37 41 43 47 53 59 61 67 71 73 79 83 89 97 101
```