**LCM And HCF**

[maths](http://www.practice.geeksforgeeks.org/tag-page.php?tag=maths&isCmp=0)

For 2 given numbers find out their LCM and HCF.

**Input:**  
The first line contains an integer 'T' denoting the total number of test cases. In each test cases, there are two numbers a and b.

**Output:**  
Find LCM and HCF.

**Constraints:**  
1 <= T <= 30  
1 <= a <= 1000  
1 <= b <= 1000

**Example:**  
Input:  
2

5 10

14 8

Output:  
10 5  
56 2

\*\*For More Examples Use Expected Output\*\*

<http://www.practice.geeksforgeeks.org/problem-page.php?pid=227>

#include <iostream>

#include <stdio.h>

//#include <conio.h>

using namespace std;

int gcd(int a, int b) {

if(a == 0) return b;

return gcd(b%a,a);

}

int lcm(int a, int b) {

return (a\*b)/gcd(a,b);

}

int main() {

int t;

scanf("%d",&t);

while(t--) {

int a,b;

scanf("%d %d", &a, &b);

printf("%d %d\n", lcm(a,b), gcd(a,b) );

}

//getch();

return 0;

}