#include <fstream>

#include<cmath>

#include<climits>

using namespace std;

ifstream fin("mozaic.in");

ofstream fout("mozaic.out");

int main()

{

unsigned long long a,b,A,nr,x;

fin>>a>>b;

A=a\*b;

while(b!=0)

{

int rest=a%b;

a=b;

b=rest;

}

x=2\*a\*a;

nr=A/(a\*a);

fout<<x<<" "<<nr\*2;

return 0;

}