// Sample code to perform I/O:

#include<bits/stdc++.h>

using namespace std;

typedef long long int ll;

// Function to calculate gcd of two numbers

ll gcd(ll a, ll b)

{

if (a ==0 )

return b;

return gcd(b%a, a) ;

}

ll commDiv(ll a, ll b)

{

// find gca of a, b

ll n = gcd(a, b);

// Count divisors of n.

int result =0;

for (int i = 1; i <= sqrt(n); i++)

{

// if 'i' is factor of n

if (n % i== 0)

{

// check it divisors are equal

if (n / i == i)

result += 1;

else

result += 2;

}

}

return result;

}

// Driver program to run the case int main()

int main()

{

     ll a , b;

    cin>> a >> b;

    cout<< commDiv(a,b);

    return 0;

}