#include <stdio.h>

long long d[1000010];

int main()

{

long long n, m, i, j;

scanf("%lld%lld", &n, &m);

if (n > m)

{

n ^= m;

m ^= n;

n ^= m;

}

if (m == 1)

{

printf("0\n");

return 0;

}

if (n == 1)

{

printf("1\n");

return 0;

}

m--;

n--;

d[n] = m/n;

for (i = n-1; i >= 1; i--)

{

d[i] = (n/i)\*(m/i);

for (j = 2\*i; j <= n; j+=i)

d[i] -= d[j];

}

printf("%lld\n", d[1]+2);

return 0;

}