#include <iostream>

#include <bits/stdc++.h>

using namespace std;

int solve(int a,int b, int c)

{

int start=0, end=INT\_MAX, mid=0, num= 0, lcm=(b\*c)/(\_\_gcd(b,c));

while(start<end)

{

mid=start+(end-start)/2;

num= mid/b+ mid/c- mid/lcm;

if (num<a)

start=mid+1;

else

end=mid;

}

return start;

}

int main()

{

int a=7,b=2,c=3; //return ath magical number

int ans=solve(a,b,c);

cout<<ans;

return 0;

}