#include <iostream>

#include <cmath>

using namespace std;

int main()

{

int n,x,y,m=1,i=1;

double e;

cin>>x;

cin>>y;

cin>>n;

while(i<=n)

{

m=m\*i;

i++;

}

cout<<"n!"<<m<<endl;

while(i<=x)

{

m=m\*i;

e=1+1/m;

i++;

}

cout<<"e="<<e<<endl;

while(i<=y)

{

m=m\*i;

pow(e,x)=1+pow(x,i);

i++;

}

cout<<"e^x="<<pow(e,x)<<endl;

}