#include<iostream>

#include<cmath>

#define e 2.71828

using namespace std;

int fact(int n) {

if (n == 0 || n == 1)

return 1;

return n \* fact(n - 1);

}

double z(double x) {

if(abs(x) >= 1)

return ((sin(x) + 1) / (cos(x) \* cos(x) + pow(e, x)));

double sum = 0;

for (int i = 0; i < 6; i++) {

sum += (pow(2, i) \* pow(x, i) / fact(i));

}

return sum / pow(e, x \* x);

}

int main() {

double k1, k2;

int n;

cin >> k1 >> k2 >> n;

n--;

double h = (k2-k1) / n;

for (; k1 <= k2; k1+=h){

cout << k1 << " " << z(k1 \* k1 + 1) - z(k1 \* k1 - 1) + 2\*z(k1) << endl;

}

}