import java.util.Scanner;

import java.lang.Math;

public class PointCharge {

public final static double K = 9 \* Math.pow(10, 9);

private double q;

private double x, y;

public double calPotential(){

return K \* q / Math.sqrt(x\*x + y\*y);

}

public static void main(String[] args){

Scanner reader = new Scanner(System.in);

PointCharge point = new PointCharge();

point.q = reader.nextDouble();

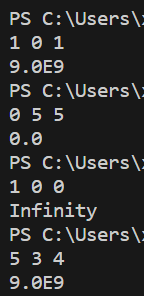
point.x = reader.nextDouble();

point.y = reader.nextDouble();

reader.close();

System.out.println(point.calPotential());

}

}