import java.util.Scanner;

public class Program02 {

    public static void main(String[] args) {

        Scanner input = new Scanner(System.in);

        double x ;

        double y ;

        System.out.print("Enter a : ");

        Double a = input.nextDouble();

        System.out.print("Enter b : ");

        Double b = input.nextDouble();

        System.out.print("Enter c : ");

        Double c = input.nextDouble();

        System.out.print("Enter d : ");

        Double d = input.nextDouble();

        System.out.print("Enter e : ");

        Double e = input.nextDouble();

        System.out.print("Enter f : ");

        Double f = input.nextDouble();

        System.out.println("The Equation is ");

        System.out.println(a + "x" + " + " + b + "y" + " = " + e);

        System.out.println(c + "x" + " + " + d + "y" + " = " + f);

        x = ((e\*d)-(b\*f))/((a\*d)-(b\*c));

        System.out.println("x = "+ x);

        y = ((a\*f)-(e\*c))/((a\*d)-(b\*c));

        System.out.println("y = "+ y);

        input.close();

    }

}