**import** java.util.Scanner;  
**public class** create {  
 **public static** String yuefen(**int** a,**int** b){  
 **int** y = 1;  
 **for**(**int** i=a;i>=1;i--){  
 **if**(a%i==0&&b%i==0){  
 y = i;  
 **break**;  
 }  
 }  
 **int** z = a/y;  
 **int** m = b/y;  
 **if**(z==0) {  
 **return "0"**;  
 }  
 **return ""**+z+**"/"**+m;  
 }  
 **public static void** main(String[] args) {  
 *//* ***TODO Auto-generated method stub* int** x,y,i,a1;  
 **int** d1=0;  
 String d = **null**;  
 System.***out***.println(**"1、整数计算式，2、真分数计算式"**);  
 Scanner scan1=**new** Scanner(System.***in***);  
 a1=scan1.nextInt();  
 **if**(a1==1){  
 System.***out***.println(**"请输入题目的数量"**);  
 Scanner scan2=**new** Scanner(System.***in***);  
 x=scan2.nextInt();  
 **int** daan[]=**new int** [x];  
 System.***out***.println(**"请输入数值的范围"**);  
 y=scan2.nextInt();  
 **for**(i=0;i<x;i++){  
 **int** a=(**int**)(Math.*random*()\*y);*//随机生成一个1-10的整数* **int** b=(**int**)(Math.*random*()\*y);*//随机生成一个1-10的整数* **int** e=(**int**)(Math.*random*()\*y);  
 **int** c=(**int**)(Math.*random*()\*3);*//随机生成一个1-4的整数，0表示加法，1表示减法，2表示乘法，3表示除法* **int** c1=(**int**)(Math.*random*()\*3);  
 **if**(c==0)  
 {  
 **if**(c1==0){  
 d1=a+b+e;  
 System.***out***.print(a+**"+"**+b+**"+"**+e+**"=\n"**);  
 }  
 **if**(c1==1){  
 d1=a+b-e;  
 System.***out***.print(a+**"+"**+b+**"-"**+e+**"=\n"**);  
 }  
 **if**(c1==2){  
 d1=a+b\*e;  
 System.***out***.print(a+**"+"**+b+**"\*"**+e+**"=\n"**);  
 }  
 **if**(c1==3){  
 d1=a+b/e;  
 System.***out***.print(a+**"+"**+b+**"/"**+e+**"=\n"**);  
 }  
 }  
 **if**(c==1)  
 {  
 **if**(c1==0){  
 d1=a-b+e;  
 System.***out***.print(a+**"-"**+b+**"+"**+e+**"=\n"**);  
 }  
 **if**(c1==1){  
 d1=a-b-e;  
 System.***out***.print(a+**"-"**+b+**"-"**+e+**"=\n"**);  
 }  
 **if**(c1==2){  
 d1=a-b\*e;  
 System.***out***.print(a+**"-"**+b+**"\*"**+e+**"=\n"**);  
 }  
 **if**(c1==3){  
 d1=a-b/e; System.***out***.print(a+**"-"**+b+**"/"**+e+**"=\n"**);  
 }  
 }  
 **if**(c==2)  
 {  
 **if**(c1==0){  
 d1=a\*b+e; System.***out***.print(a+**"\*"**+b+**"+"**+e+**"=\n"**);  
 }  
 **if**(c1==1){  
 d1=a\*b-e; System.***out***.print(a+**"\*"**+b+**"-"**+e+**"=\n"**);  
 }  
 **if**(c1==2){  
 d1=a\*b\*e; System.***out***.print(a+**"\*"**+b+**"\*"**+e+**"=\n"**);  
 }  
 **if**(c1==3){  
 d1=a\*b/e; System.***out***.print(a+**"\*"**+b+**"/"**+e+**"=\n"**);  
 }  
 }  
 **if**(c==3)  
 {  
 **if**(c1==0){  
 d1=a/b+e; System.***out***.print(a+**"/"**+b+**"+"**+e+**"=\n"**);  
 }  
 **if**(c1==1){  
 d1=a/b-e; System.***out***.print(a+**"/"**+b+**"-"**+e+**"=\n"**);  
 }  
 **if**(c1==2){  
 d1=a/b\*e; System.***out***.print(a+**"/"**+b+**"\*"**+e+**"=\n"**);  
 }  
 **if**(c1==3){  
 d1=a/b/e; System.***out***.print(a+**"/"**+b+**"/"**+e+**"=\n"**);  
 }  
 }  
 daan[i]=d1;  
 }  
 System.***out***.println(**"\n是否显示答案（显示请输入1）"**);  
 **if**(scan2.nextInt()==1){  
 **for**(i=0;i<x;i++){  
 System.***out***.print(daan[i]+**"\n"**);  
 }  
 }  
 }  
 **if**(a1==2){  
 **int** M,Z;  
 System.***out***.println(**"请输入题目的数量"**);  
 Scanner scan2=**new** Scanner(System.***in***);  
 x=scan2.nextInt();  
 String daan[]=**new** String [x];  
 **int** x1,x2,B,m1,m2,m3,x3;  
 System.***out***.println(**"请输入分母数值的范围"**);  
 B=scan2.nextInt();  
 **for**(i=0;i<x;i++){  
 m1=1+(**int**)(Math.*random*()\*B);*//随机生成一个小于B的分母* x1=1+(**int**)(Math.*random*()\*m1);*//生成一个比分母小的分子，实现真分数* m2=1+(**int**)(Math.*random*()\*B);*//随机生成一个小于B的分母* x2=1+(**int**)(Math.*random*()\*m2);*//生成一个比分母小的分子，实现真分数* m3=1+(**int**)(Math.*random*()\*B);*//随机生成一个小于B的分母* x3=1+(**int**)(Math.*random*()\*m3);*//生成一个比分母小的分子，实现真分数* **int** c=(**int**)(Math.*random*()\*3);*//生成运算符* **int** c1=(**int**)(Math.*random*()\*3);*//生成运算符* **if**(c==0){  
 **if**(c1==0) {  
 Z = x1\*m2\*x3 + x2\*m1\*x3 + m1\*m2\*x3;  
 M = m1\*m2\*m3;  
 d = *yuefen*(Z, M);  
 System.***out***.print(x1 + **"/"** + m1 + **"+"** + x2 + **"/"** + m2 + **"+"** + x3 + **"/"**+ m3+**"=\n"**);  
 }  
 **if**(c1==1) {  
 Z = x1\*m2\*x3 + x2\*m1\*x3 - m1\*m2\*x3;  
 M = m1 \* m2 \* m3;  
 d = *yuefen*(Z, M);  
 System.***out***.print(x1 + **"/"** + m1 + **"+"** + x2 + **"/"** + m2 + **"-"** + x3 + **"/"**+ m3+**"=\n"**);  
 }  
 **if**(c1==2) {  
 Z = x1\*m2\*m3 + m1\*x2\*x3;  
 M = m1 \* m2 \* m3;  
 d = *yuefen*(Z, M);  
 System.***out***.print(x1 + **"/"** + m1 + **"+"** + x2 + **"/"** + m2 + **"\*"** + x3 + **"/"**+ m3+**"=\n"**);  
 }  
 **if**(c1==3) {  
 Z = x1\*m2\*x3 + m1\*x2\*m3;  
 M = m1 \* m2 \* x3;  
 d = *yuefen*(Z, M);  
 System.***out***.print(x1 + **"/"** + m1 + **"+"** + x2 + **"/"** + m2 + **"÷"** + x3 + **"/"**+ m3+**"=\n"**);  
 }  
 }  
 **if**(c==1){  
 **if**(c1==0) {  
 Z = x1\*m2\*m3 - x2\*m1\*m3 + m1\*m2\*x3;  
 M = m1 \* m2 \* m3;  
 d = *yuefen*(Z, M);  
 System.***out***.print(x1 + **"/"** + m1 + **"-"** + x2 + **"/"** + m2 + **"+"** + x3 + **"/"**+ m3+**"=\n"**);  
 }  
 **if**(c1==1) {  
 Z = x1\*m2\*m3 - x2\*m1\*m3 - m1\*m2\*x3;  
 M = m1 \* m2 \* m3;  
 d = *yuefen*(Z, M);  
 System.***out***.print(x1 + **"/"** + m1 + **"-"** + x2 + **"/"** + m2 + **"-"** + x3 + **"/"**+ m3+**"=\n"**);  
 }  
 **if**(c1==2) {  
 Z = x1\*m2\*m3 - m1\*x2\*x3;  
 M = m1 \* m2 \* m3;  
 d = *yuefen*(Z, M);  
 System.***out***.print(x1 + **"/"** + m1 + **"+"** + x2 + **"/"** + m2 + **"\*"** + x3 + **"/"**+ m3+**"=\n"**);  
 }  
 **if**(c1==3) {  
 Z = x1\*m2\*m3 - m1\*x2\*m3;  
 M = m1 \* m2 \* x3;  
 d = *yuefen*(Z, M);  
 System.***out***.print(x1 + **"/"** + m1 + **"+"** + x2 + **"/"** + m2 + **"÷"** + x3 + **"/"**+ m3+**"=\n"**);  
 }  
 }  
 **if**(c==2) {  
 **if** (c1 == 0) {  
 Z = m1 \* m2 \* x3 + m3 \* x1 \* x2;  
 M = m1 \* m2 \* m3;  
 d = *yuefen*(Z, M);  
 System.***out***.print(x1 + **"/"** + m1 + **"\*"** + x2 + **"/"** + m2 + **"+"** + x3 + **"/"** + m3 + **"=\n"**);  
 }  
 **if**(c1==1) {  
 Z = m1 \* m2 \* x3 - m3 \* x1 \* x2;  
 M = m1 \* m2 \* m3;  
 d = *yuefen*(Z, M);  
 System.***out***.print(x1 + **"/"** + m1 + **"\*"** + x2 + **"/"** + m2 + **"-"** + x3 + **"/"** + m3 + **"=\n"**);  
 }  
 **if**(c1==2) {  
 Z = x1 \* x2 \* x3;  
 M = m1 \* m2 \* m3;  
 d = *yuefen*(Z, M);  
 System.***out***.print(x1 + **"/"** + m1 + **"\*"** + x2 + **"/"** + m2 + **"\*"** + x3 + **"/"** + m3 + **"=\n"**);  
 }  
 **if**(c1==3) {  
 Z = x1 \* x2 \* m3;  
 M = m1 \* m2 \* x3;  
 d = *yuefen*(Z, M);  
 System.***out***.print(x1 + **"/"** + m1 + **"\*"** + x2 + **"/"** + m2 + **"÷"** + x3 + **"/"** + m3 + **"=\n"**);  
 }  
 }  
 **if**(c==3){  
 **if** (c1 == 0) {  
 Z = m2 \* m3 \* x1 + m1 \* x2 \* x3;  
 M = m1 \* x2 \* m3;  
 d = *yuefen*(Z, M);  
 System.***out***.print(x1 + **"/"** + m1 + **"÷"** + x2 + **"/"** + m2 + **"+"** + x3 + **"/"** + m3 + **"=\n"**);  
 }  
 **if** (c1 == 1) {  
 Z = m2 \* m3 \* x1 - m1 \* x2 \* x3;  
 M = m1 \* x2 \* m3;  
 d = *yuefen*(Z, M);  
 System.***out***.print(x1 + **"/"** + m1 + **"÷"** + x2 + **"/"** + m2 + **"-"** + x3 + **"/"** + m3 + **"=\n"**);  
 }  
 **if** (c1 == 2) {  
 Z = m2 \* x3 \* x1;  
 M = m1 \* x2 \* m3;  
 d = *yuefen*(Z, M);  
 System.***out***.print(x1 + **"/"** + m1 + **"÷"** + x2 + **"/"** + m2 + **"\*"** + x3 + **"/"** + m3 + **"=\n"**);  
 }  
 **if** (c1 == 3) {  
 Z = m2 \* m3 \* x1;  
 M = m1 \* x2 \* x3;  
 d = *yuefen*(Z, M);  
 System.***out***.print(x1 + **"/"** + m1 + **"÷"** + x2 + **"/"** + m2 + **"÷"** + x3 + **"/"** + m3 + **"=\n"**);  
 }  
 }  
 **if**((i+1)%3==0){  
 System.***out***.println();  
 }  
 daan[i]=d;  
  
 }  
 System.***out***.println(**"是否显示答案（显示请输入1）"**);  
 **if**(scan2.nextInt()==1){  
 **for**(i=0;i<x;i++){  
 System.***out***.print(daan[i]+**"\n"**);  
 }  
 }  
 }  
 }  
}