```java
import java.util.*;
public class Krypto_Solver {
    private static ArrayList<Integer> numberOrder;
    private static ArrayList<Integer> operationOrder;
    private static ArrayList<String> stringOperations;
    public static void main(String[] args) {
        Scanner in = new Scanner(System.in);
        int a = in.nextInt();
        int b = in.nextInt();
        int c = in.nextInt();
        int d = in.nextInt();
        int e = in.nextInt();
        int target = in.nextInt();
        findOrder(a,b,c,d,e,target);
        int i1=0,i2=0,i3=0,i4=0,i5=0;
        if (numberOrder.size()==5){
            i1 = numberOrder.get(0);
            i2 = numberOrder.get(1);
            i3 = numberOrder.get(2);
            i4 = numberOrder.get(3);
            i5 = numberOrder.get(4);
        }
        findOperations(i1,i2,i3,i4,i5,target);
        printAnswer();
    }
    public static ArrayList<Integer> findOrder(int a, int b, int c, int d, int e, int target){
        numberOrder=new ArrayList<Integer>();
        int [] order = {a, b, c, d, e};
        int iOne, iTwo, iThree, iFour, iFive;
        for (int i=0;i<5;i++){
            for (int j=0;j<5;j++){
                for (int k=0;k<5; k++){
                    for (int l=0;l<5;l++){
                        for (int m=0;m<5;m++){
                            if (i!=j && i!=k && i!=l && i!=m && j!=k && j!=l && j!=m && k!=l && k!=m && l!=m){
                                iOne = order[i];
                                iTwo = order[j];
                                iThree = order[k];
                                iFour = order[l];
                                iFive = order[m];
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41                                  if (isCombo(iOne, iTwo,
  iThree,iFour,iFive,target)){
42                                      numberOrder.add(iOne);
43                                      numberOrder.add(iTwo);
44                                      numberOrder.add(iThree);
45                                      numberOrder.add(iFour);
46                                      numberOrder.add(iFive);
47
48                                  }
49                              }
50                          }
51                      }
52                  }
53              }
54          }
55          return numberOrder;
56      }
57      public static boolean isCombo(int a, int b, int c, int d, int e,
  int target){
58          double first, second, third, fourth;
59          for (int i=0;i<4;i++){
60              for (int j=0;j<4;j++){
61                  for (int k=0;k<4;k++){
62                      for (int l=0;l<4;l++){
63                          if (i==0){
64                              first = a + b;
65                          }
66                          else if (i==1){
67                              first = a-b;
68                          }
69                          else if (i==2){
70                              first = a*b;
71                          }
72                          else{
73                              first = (double)a/b;
74                          }
75                          if (j==0){
76                              second = first + c;
77                          }
78                          else if (j==1){
79                              second = first - c;
80                          }
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                    else if (j==2){
                        second = first * c;
                    }
                    else{
                        second = first/c;
                    }
                    if (k==0){
                        third = second + d;
                    }
                    else if (k==1){
                        third = second - d;
                    }
                    else if (k==2){
                        third = second * d;
                    }
                    else{
                        third = second/d;
                    }
                    if (l==0){
                        fourth = third + e;
                    }
                    else if (l==1){
                        fourth = third - e;
                    }
                    else if (l==2){
                        fourth = third * e;
                    }
                    else{
                        fourth = third/e;
                    }
                    if (fourth==target){
                        return true;
                    }
                }
            }
        }
        return false;
    }
    public static ArrayList<Integer> findOperations(int a, int b, int
   c, int d, int e, int target){
        operationOrder = new ArrayList<Integer>();
```

```
122         double first, second, third, fourth;
123         for (int i=0;i<4;i++){
124             for (int j=0;j<4;j++){
125                 for (int k=0;k<4;k++){
126                     for (int l=0;l<4;l++){
127                         if (i==0){
128                             first = a + b;
129                         }
130                         else if (i==1){
131                             first = a-b;
132                         }
133                         else if (i==2){
134                             first = a*b;
135                         }
136                         else{
137                             first = (double)a/b;
138                         }
139                         if (j==0){
140                             second = first + c;
141                         }
142                         else if (j==1){
143                             second = first - c;
144                         }
145                         else if (j==2){
146                             second = first * c;
147                         }
148                         else{
149                             second = first/c;
150                         }
151                         if (k==0){
152                             third = second + d;
153                         }
154                         else if (k==1){
155                             third = second - d;
156                         }
157                         else if (k==2){
158                             third = second * d;
159                         }
160                         else{
161                             third = second/d;
162                         }
163                         if (l==0){
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164                         fourth = third + e;
165                     }
166                     else if (l==1){
167                         fourth = third - e;
168                     }
169                     else if (l==2){
170                         fourth = third * e;
171                     }
172                     else{
173                         fourth = third/e;
174                     }
175                     if (fourth==target){
176                         operationOrder.add(i);
177                         operationOrder.add(j);
178                         operationOrder.add(k);
179                         operationOrder.add(l);
180                     }
181                 }
182             }
183         }
184     }
185     return operationOrder;
186 }
187 public static void printAnswer(){
188     stringOperations = new ArrayList<String>();
189     String [] operations = {"+", "-", "*", "/"};
190     if (numberOrder.size()==5 && operationOrder.size()==4){
191         for (int i=0;i<4;i++){
192 
    stringOperations.add(operations[operationOrder.get(i)]);
193         }
194         System.out.println(numberOrder.get(0) +
    stringOperations.get(0) + numberOrder.get(1) +
    stringOperations.get(1) + numberOrder.get(2) +
    stringOperations.get(2) + numberOrder.get(3) +
    stringOperations.get(3) + numberOrder.get(4));
195     }
196     else
197         System.out.println("No solution is possible");
198 }
199 }
```