

```
import java.util.*;
public class Main
{
    public static void main(String[] args) {
        Scanner sc=new Scanner(System.in);
        int t;
        int s,w1,w2,w3;
        t=sc.nextInt();
        while(t-- > 0){
            s=sc.nextInt();
            w1=sc.nextInt();
            w2=sc.nextInt();
            w3=sc.nextInt();
            if(w1 == 1 && w3 == 2){
                int w=w1;
                w1=w3;
                w3=w;
            }
            if(w1+w2+w3 <= s){
                System.out.println("1");
            }else if(w1+w2<=s && w3<=s || w2+w3<=s && w1<=s){
                System.out.println("2");
            }else{
                System.out.println("3");
            }
        }
    }
}
```